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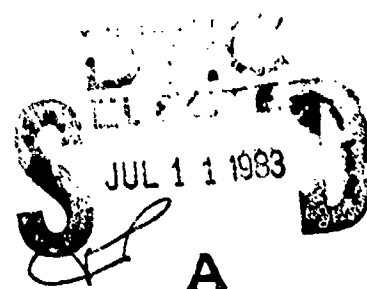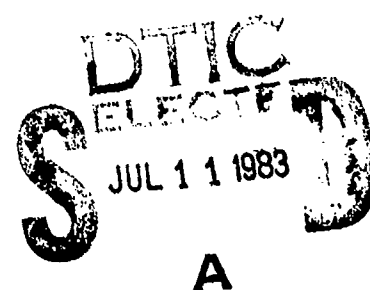
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Description of
This Bibliography Supplement

BACKGROUND

The Human Resources Research Organization is a nonprofit research and development corporation whose purpose is to improve human performance, particularly in organizational settings, through behavioral and social science research, development, and consultation. An important product of HumRRO work is information; thus, reporting results of research efforts is a major organizational endeavor.

In 1971, HumRRO published a cumulative "Bibliography of Publications as of 30 June 1971," listing and annotating the research reports issued during HumRRO's first 20 years, 1951-71. This present volume updates that cumulative Bibliography and supersedes a supplement issued in December 1977, "Bibliography of Publications and Presentations During FY 1972-77."

HUMAN RESOURCES RESEARCH ORGANIZATION

SCOPE

This Bibliography Supplement includes research reports issued by HumRRO from July 1971 through December 1981. It also includes some research reports prepared in earlier years, which, for one reason or another, were not previously listed. Also included are publications by HumRRO staff members in professional journals and presentations at professional and other meetings. The contracts under which the research efforts were performed are identified.

HumRRO makes a consistent and conscientious effort to file copies of its reports with one or more of three major information-retrieval systems: the Defense Technical Information Center (DTIC); the National Technical Information Service (NTIS); and the Educational Resources Information Center (ERIC). Documents which are available through DTIC or NTIS are identified by "AD" numbers. Those which are available exclusively through NTIS are identified by "PB" numbers. And those which are available through ERIC are identified by "ED" numbers.

ORGANIZATION

Items are listed under the research code name (Work Unit or Research Project), or under the type of research effort (such as Basic Research or Exploratory Research) to which they relate. A "General" section lists items not directly related to a specific research effort, or that are related to several such efforts.

Code names for research projects are listed alphabetically; in each code-word group, items are listed chronologically. Items in the "General" section are also listed chronologically. An Alphabetical Author Index is included at the back of the document.

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<u>Human Factors in the Performance of Antiaircraft Units. 1. The Development</u>
<u>of Measures of Performance</u>, by Francis H. Palmer and Thomas I. Myers,
Information Report, April 1954.

"Task Orientation to Studies in Group Productivity," by Francis H. Palmer,
presentation to Social Science Research Conference on Small Group Research,
April 1955.

"Army Research on Individual and Unit Effectiveness," by Francis H. Palmer,
presentation to Conference on Psychological Research in the San Francisco
Bay Area, 1956.

"A Study of the Army Delinquent," by Francis H. Palmer, presentation to
Western Psychological Association meeting, 1956.

<u>ABEL</u>: Enhancing Learning Proficiency Levels and Developing Appropriate
       Training Strategies for Low Ability Military Personnel (U.S. Army
       Research Institute for the Behavioral and Social Sciences)

<u>Developing the Potential of Low Ability Personnel</u>, by Fred S. Jealous,
Hilton M. Bialek, Frank Pitpit, and Paul Gordon, Final Report
FR-WD(CA)-75-6, June 1975. AD-A013 506   ED-114 480.

ABILITE: Evaluation of the National Library of Medicine Training Grant
Program (National Institutes of Health, U.S. Department of Health,
Education, and Welfare)

An Evaluation of the National Library of Medicine (LM) Training Grant
Program, by C. Dennis Fink, Consulting Report CR-D1-73-5, September 1973.
PB-235 087.   ED-114 091.

A Forecast of Events and Conditions That Might Affect Job and Training
Requirements for Medical Librarians, by C. Dennis Fink, Technical Report
73-30, 68 pp., December 1973.   PB-235 089.   ED-126 922.

Listing of Comments Pertaining to Future Job Duties and Training Require-
ments for Medical Librarians and Biocommunications Personnel, Supplement
to Technical Report 73-30, December 1973.   PB-235 090.   ED-158 738.

Evaluation of the NLM Training Grant Program and a Forecast of Events and
Conditions That Might Affect Job and Training Requirements for Medical
Librarians, by C. Dennis Fink, Executive Summary, 1973.

ACCOUNT: Analysis of Army Experience in Implementing a Mechanized Stock
Accounting System (Department of the Army)

Training in Mechanized Stock Accounting Systems in Army Logistics, by
Herbert B. Leedy, Technical Report 72-16, May 1972.   AD-744 448
ED-064 619.

ACHILLES: An Evaluation of the Maintenance Proficiency of Fire Control
System Technicians (Department of the Army)

Development and Utilization of Performance Tests; Performance Tests
Developed by Task ACHILLES, June 1958; supplement to Technical Report
52, The Development and Use of a Performance Test as a Basis for Com-
paring Technicians With and Without Field Experience: The NIKE AJAX
IFC Maintenance Technician, by W. Loren Williams, Jr., and Paul G.
Whitmore, Jr., January 1959.

4

ACTION: Research for Improvement of Infantry Stability Operations
         Training (Department of the Army)

Interviews on Small Unit Combat Actions in Vietnam (with 11 Annexes), by
George J. Magner, George R. Hoak, and T. O. Jacobs, Interim Report,
July 1967.

ADCIVA: Studies of Psychological Adjustment to the Requirements of
         Military Life (Department of the Army)

An Examination of Measures of Knowledge, Ability, Adjustment and
Attitudes Which May Be Affected by Army Experience, Subcontractor's
Report, May 1954. (Subcontractor: New York University, Research
Center for Human Relations).

ADDUCE: The Application of Advanced Training Technology to On-The-
         Job Training (Air Force Human Resources Laboratory)

Identifying Training Requirements in the U.S. Air Force on-the Job Training
Program, by Robert C. Trexler, John A. Richards (HumRRO), and Stephen V.
Offutt (AFHRL), Final Report FR-ETSD-80-1, July 1980.

<u>ADTEST</u>: Development of Guidelines for Administration of Skill Qualification Tests (U.S. Army Training and Doctrine Command)

<u>Development of Guidelines for Administration of Skill Qualification Tests</u>, by J. Patrick Ford, Roy C. Campbell, and James H. Harris, Final Report FR-ED(KY)-76-9, July 1976.   AD-A030 784.

<u>ADULT-ED</u>: Application of a Performance Oriented Training Model to Community Adult Education (State of Maine Department of Education)

<u>Implementing an Indigenous Community Education Program: An Interim Report</u>, by Hilton M. Bialek and Peter Nabokov, Interim Report, July 1972.   ED-165 980.

<u>Implementing an Indigenous Community Education Program: A Final Report</u>, by Hilton M. Bialek and Peter Nabokov, Final Report, October 1972.   ED-167 307.

<u>ADULT-PEER</u>: Staff Development Through the Implementation of Two Innovative Teaching/Learning Models (U.S. Department of Health, Education, and Welfare, Office of Education)

<u>Staff Development Through the Implementation of Two Innovative Learning/Teaching Models</u>, by Peter Nabokov, J. Richard Suchman, Laurie Mandel, Martha DiSario, and Hilton M. Bialek, Final Report FR-WD-CA-76-3, March 1976.   ED-123 361.

<u>An Instructional System for Consumer Decision-Making: Teachers's Manual</u>, by J. Richard Suchman and Martha R. DiSario, Research Product. ED-123 359

<u>Peer Instruction Implementation Manual</u> by Hilton M. Bialek, Research Product.   ED-123 360.

6

ADVANCE: Development of Methods for Obtaining Advance Indications of the Tactical Training Demands Future Army Organizations Will Place on Army Personnel (Department of the Army)

Development of a Process for Advance Deduction of the Training Demands Imposed by New Army Organizations and Doctrines, by Edgar L. Shriver, Staff Paper, November 1957.

A Preliminary Investigation of Techniques for Constructing a Training War Game Model Which Minimizes the Time Needed for Umpire Functions, by Edgar L. Shriver, C. Dennis Fink, Robert Buchanan and Russel Schulz, Report, 58 pp., December 1961.

ADWORK: Prospect Laboratory Experiment (U.S. Army Recruiting Command)

PROSLAB: A Method for Pretesting Army Recruiting Advertisments, by Theodore H. Rosen, Consulting Report, November 1974.   AD-A043 743.

AF-LIT: Functional Literacy Task Inventory (Air Force Human Resources Laboratory)

Administration Career Ladder, Research Product, March 1980.

Airlift/Bombardment Aircraft Maintenance Career Ladder, Research Product, March 1980.

<u>AFRAN</u>: Analysis of Manpower Research Data (Air Force Human Resources
Laboratory/Manpower Development Division)

<u>An Analysis of Factors Related to Desertion Among FY 1968 and FY 1969
and Army Accessions</u>, by N. Kent Boyd, Consulting Report CR-D7-73-84,
June 1973; published by the Air Force Human Resources Laboratory's
Manpower Development Division as Manpower Report MR-73-1.

<u>Drug Use Among Overseas Adolescent Dependents: Results of a Survey
Conducted at Frankfurt Germany</u>, by John R. Goral, Consulting Report
CR-D7-73-83, July 1973.

<u>Development of a Survey Research Instrument to Study Adolescent Drug
Use, Results from the Bermuda Pilot Test of the Overseas Dependent Drug
Survey</u>, by John R. Goral and Andrea Lipowitz, Consulting Report,
CR-D7-73-85, July 1973.

<u>AFSES</u>: Factors Influencing Simulator Training Effectiveness in the
U.S. Air Force (Air Force Office of Scientific Research)

<u>Some Factors Influencing Air Force Simulator Training Effectiveness</u>, by
Paul W. Caro, Technical Report 77-2, March 1977; published by the
U. S. Air Force as AFOSR-TR-77-0971.   AD-A043 239   ED-162 095.

<u>Some Current Problems in Simulator Design, Testing, and Use</u>, by Paul W. Caro
Professional Paper 2-77, March 1977; published by the U. S. Air
Force as AFOSR-TR-77-0990.   AD-A043 340   ED-154 242.

<u>Factors Influencing Simulator Training Effectiveness in the U.S. Air
Force</u>, by Paul W. Caro, Final Report FR-ED-77-18, July 1977; published
by the U.S. Air Force as AFOSR-TR-77-0968.   AD-A043 119.

AFTEC: Basic Research Relevant to U.S. Air Force Technical Training
(Air Force Office of Scientific Research)

"Evaluation Model for Assessing Applicability of Training Techniques in USAF Technical Training," by Edgar M. Haverland, presentation to the 4th Annual Psychology in the Air Force Symposium, Colorado, April 1974.

A Model for Matching Training Approaches With Training Settings, by Edgar M. Haverland, Interim Report, IR-D7-74-147, March 1974. AD-A094 279   ED-109 489.

Transfer and Use of Training Technology: A Model for Matching Training Approaches With Training Settings, by Edgar M. Haverland, Technical Report 74-24, October 1974. AD-A005 816   ED-109 489.

Transfer and Use of Training Technology in Air Force Technical Training: A Progress Report by Edgar M. Haverland and Jacklyn E. Hungerland, Interim Report IR-ED-75-24, October 1975. AD-A024 351.

Utilization of Peer Instruction in Air Force Technical Training, by Jacklyn E. Hungerland, John E. Taylor, and Mark F. Brennan, Final Report FR-WD(CA)-76-12, August 1976.   AD-A035 327.

Transfer and Use of Training Technology in Air Force Technical Training: A Model to Guide Training Development, by Edgar M. Haverland, Final Report FR-ED-76-43, October 1976; published by Air Force Office of Scientific Research as AFOSR-TR-77-0028.   JSAS MSS. 1488   AD-A035 385.

AGENDA: Technical Assistance for an Agency Development Demonstration Project (State of Michigan Department of Social Services)

A Model for Improving Agency Performance, by Joseph A. Olmstead, Research Product RP-ED(C)-77-2, April 1977.

Recommendations for Revision of the Agency Development Program, by Joseph A. Olmstead, Research Product RP-ED(C)-77-2A, April 1977.

Evaluation of an Organizational Development Program for Social Service Agencies, by Joseph A. Olmstead, Final Report FR-ED(C)-77-2, February 1977. PB-273 226   ED-143 590.

<u>AIRSCOUT</u>:Training Requirements and Concepts for Air Cavalry Training
(Department of the Army)

<u>Aeroscout Pilot and Aeroscout Observer Responses to the Air Cavalry</u>
<u>Tactical Information Survey</u>, by William L. Warnick and Warrant Officer
Derryl Jones, Research Product RP-D2-72-5, September 1972.   AD-763 193.

<u>Combat Job Requirements for the Air Cavalry Aeroscout Pilot and Aero-</u>
<u>scout Observer</u>, by William L. Warnick, Technical Report 72-37,
December 1972. AD-755 505.

<u>ALERT</u>: Airc..ft Recognition: Acquisition and Retention (U.S. Army
Research Institute for the Behavioral and Social Sciences)

<u>The Acquisition and Retention of Visual Aircraft Recognition Skills</u>, by
Robert D. Baldwin, Robert E. Cliborn, and Robert J. Foskett, Final
Report FR-WD(TX)-76-10, August 1976; published by ARI as TR-76-A4,
November 1976. AD-A035 863.

<u>AMPLE</u>: A Performance-Oriented Training and Evaluation System for the
Military Policeman (MOS 95B20) (U.S. Army Research Institute
for the Behavioral and Social Sciences)

<u>The Implementation and Validation of a Performance-Oriented, Self-Paced</u>
<u>Basic Law Enforcement Course for the U.S. Army Military Police School</u>
by J. Richard Suchman, Jacklyn Hungerland, and Wendy J. McGuire , Final
Report FR-WD-CA-76-13, August 1976; published by ARI as TR-76-A6,
November 1976.   AD-A040 656.

ANGLESITE: Manual of Good Industrial Hygience Practices for the
Manufacture of Lead-Acid Storage Batteries (Department
of Health, Education, and Welfare, National Institute
for Occupational Safety and Health)

A Battery Man's Prescription for Health and Safety, by Paul E.
Loustaunau and Barbara Hurlbutt, Research Product, 1974. PB82 139 791.

ANGLO II: Development of Tests and Teaching Aids for the Teacher
Training Workshops in Intercultural Communication
(Bilingual Education Service Center, Illinois Office of
Education)

Teacher Training Workshop in Intercultural Communication: Instructor's
Guide (Revised), by Alfred J. Kraemer, Research Product, June 1978.

ANLIT: Anthology on Functional Literacy (HumRRO)

Reading for Working: A Functional Literacy Anthology, by Thomas G.
Sticht, HumRRO Paperback Book, 1975. ED-102 532.

APCO: A Program of Instruction on the Systems Approach to Training
(Alabama Power Company)

Fundamentals of Instructional Systems Development for Alabama Power
Company, by Joseph A. Olmstead and Theodore R. Powers, Research
Product, March 1976.

Lesson Plans: Fundamentals of Instructional Systems Development, by
Joseph A. Olmstead and Theodore R. Powers, Research Product
RP-CD(C)-76-48, March 1976.

APSTRAT: Training Strategies and Incentives Appropriate to Different
Aptitude Levels for Selected Army Training Courses (Department
of the Army)

Field Wireman Task Performance Inventory, by Jacklyn Hungerland and Morris
Showel, Staff Paper, 69 pp., February 1969.   AD-A093 163.

"Attitude Change Related to Methods of Orientation to Innovation," by
Kenneth Weingarten, Mark Brennan, and Brent Allred, presentation to
American Educational Research Association convention, New York City,
February 1971.

"APSTRAT Action Briefing for USCONARC," by Howard H. McFann, Kenneth
Weingarten, SFC Robert Anderson and Paul Crick, presentation to
Headquarters. U.S. Army Continental Command, Fort Monroe, Virginia,
June 1971.

"Individualized Instruction: A Peer-Instructional Approach," by Kenneth
Weingarten, presentation to U.S. Continental Army Command Training
Workshop, Fort Gordon, Georgia, October 1971.

"Utilizing Peer Instruction," by Kenneth Weingarten, presentation
Continental Army Command Training Workshop, Fort Gordon, Georgia,
October 1971.

Quality Assured Peer Instructional System: Implementation Pamphlet,
Research Product RP-D3-71-3, October 1971; appendix to Technical
Report 72-35, Development and Implementation of a Quality-Assured
Peer-Instructional Model, by Kenneth Weingarten, Jacklyn E. Hungerland,
and Mark F. Brennan, November 1972.   AD-753 601   ED-070 929.

Development and Implementation of a Quality Assured, Peer-Instructional
Model, by Kenneth Weingarten, Jacklyn E. Hungerland, and Mark F. Brennan,
Technical Report 72-35, November 1972.   AD-753 601   ED-070 929.

APTITUDE: Basic Training Achievement in Infantry Squads With Controlled
Aptitude (Department of the Army)

"Report of HumRRO Research on the Unit's Task APTITUDE," by Donald C.
Findlay, October 1955.

"A Study of Ability Grouping in Army Basic Combat Training," by Donald
C. Findlay, Seymour Matyas and Herman Rogge, III in Journal of
Educational Psychology, 1955.

ARGUS: Analysis of Nuclear Safety Requirements (Department of the Army)

Prototype Revision of TM 9-1100-250-12, by Bruce Bergum, Research Product, June 1964.

ARMEX: A Study of the Effects of Military Service on the Attitudes, Beliefs, and Practices of Soldiers Being Separated From Service (Department of the Army)

A Study of Attitudes Toward Separation Processing, by Frank J. Dudek, Research Note No. 2, August 1952.

ARMORCOM: Improvement of the Communications Proficency of Armor Personnel (Department of the Army)

Preliminary Study of Table 1, Subcaliber Manipulation Exercise, by Boyd L. Mathers and Philip C. Green, Report, 1954.

"Available Information on the Armor Communications Test," by Boyd L. Mathers and Philip C. Green, 1954.

Analysis of Radio-Telephone Procedure in a Tank Battalion Command Net, by Boyd L. Mathers and Leslie M. Peterson, Staff Memorandum, June 1957.

ARMORNITE: Human Factors in Armor Operations Under Conditions of
            Limited Visibility (Department of the Army)

<u>Studies in Tank Noise</u>, by Nicholas B. Louis, Working Paper, June 1959.
AD-B951 445.

"Task ARMORNITE," by Alfred J. Kraemer, presentation to Conference on
Human Factors Research in Image Interpretation, Washington, D.C.,
September 1959.

<u>The Effects of Practice on the Performance of Basic Armor Skills at
Night</u>, by Robert A. DeBurger, Research Memorandum, January 1961.
AD-477 648.

<u>An Appraisal of Some Night Training Problems in Armor Units of Seventh
United States Army</u>, by Alfred J. Kraemer,   Research Memoranaum, May
1961.   AD-378 700.

<u>An Investigation of Training to Discriminate Between the Tracked and
Wheeled Vehicle Signals of the AN/TPS-33 Radar</u>, by Arthur L. Miller,
David L. Easley, Alfred J. Kraemer, and Paul H. Stevenson, Research
Memorandum, June 1962. AD-A045 604.

ARMOR-SIMULATORS: Study of Simulation Characteristics for Armor Systems
                   (U.S. Army Research Institute for the Behavioral and
                   Social Sciences)

<u>Development of Training Objectives XM1 UCOFT</u>, by James H. Harris, Charlotte
H. Campbell (HumRRO); Ronald E. Kraemer and David W. Bessemer (ARI), Research
Product RP-MTRD(KY)-80-15, January 1980.

<u>Training Materials and Data Requirements for Turret Organizational Maintenance
Trainer (TOM-T) Training Test Support Plan</u>, by James H. Harris, Charlotte H.
Campbell (HumRRO); David W. Bessemer (ARI), Research Product RP-MTRD(KY)-80-16,
May 1980.

<u>Training Materials and Data Requirements for Driver Trainer (DT) Training
Test Support Plan</u>, by James H. Harris, Charolotte H. Campbell (HumRRO);
David W. Bessemer (ARI), Research Product RP-MTRD(KY)80-17, August 1980.

<u>Training Materials and Data Requirements for Unit Conduct of Fire Trainer
(U-COFT) Training Test Support Plan</u>, by Charlotte H. Campbell and James
H. Harris (HumRRO); David W. Bessemer (ARI), Research Product RP-MTRD-80-18,
August 1980.

ARMTECH: Research of Armor Weapon System Employment Parameters: Small
Crew Performance Estimates and Moving Platform Stabilized
Gunnery Training Techniques (U.S. Army Research Institute for
the Behavioral and Social Sciences)

Armor Weapon Employment Parameters: Moving Platform Gunnery Training
Techniques, Interim Report, January 1981.

Armor Weapons Employment Parameters: Human Factors Methodologies
Applied to Small Crew Performance Estimates, by Elaine N. Taylor,
James H. Harris and Roy C. Campbell, Interim Report, February
1981.

ARTIS: Consumer Demand Analysis for Arts and Cultural Services
in the South (National Endowment for the Arts)

Leisure Participation in the South. Volume 1: Results. Volume 2:
Appendices. Volume 3: Summary, by Richard J. Orend, Final Report
FR-PO-80-1, July 1980.   ED-206 521 (Vol. 1); ED-206 522 (Vol. 2);
ED-206-523 (Vol. 3).

ARTSPACE: Study of Economic Condition, Needs and Communication
Networks of Professional Visual Artists
(National Endowment for the Arts)

The Economic Conditions and Exhibition Processes of Artists in Four
Cities, by Richard J. Orend and Batia Sharon, Final Report FR-PO-81-1,
September 1981.

15

<u>ASSALT</u>: Assessment Alternatives in Systems Engineering of High Skill MOSs
(U.S. Army Research Institute for the Behavioral and Social Sciences)

"Image Similarity and Visual Aircraft Recognition," by Gerald J. Casson,
September 1974. JSAS MSS. 1078.

<u>Assessment Alternatives for a High Skill MOS. Volume 1: Problems,
Procedures, and Results. Volume 2: Appendices</u>, by Edward W. Frederickson,
Paul W. Hermann, Albert L. Kubala, Final Report FR-WD-TX-75-25, December
1975; published by ARI as TR-75-A7, December 1975. AD-A024 015.
ED-131 107.

<u>ASSERT</u>: A Training Model for the Interpersonal Aspects of Competence
(Supplemental Education Service, Inc.)

<u>A Program for Improving the Interpersonal Competence of High School Students</u>,
by Larry L. Lackey, Final Report FR-D4-74-19, July 1974. ED-114 756.

<u>Instructor's Manual: A Program for Improving the Interpersonal Competence
of High School Students</u>, by Larry L. Lackey, Research Product RP-D4-74-20,
July 1974. ED-114 757.

<u>ASSESS</u>: Design and Development of Leadership Scenarios (U.S. Army Research
Institute for the Behavioral and Social Sciences)

<u>Development of Leadership Assessment Simulations</u>, by Joseph A. Olmstead, Fred
K. Cleary, Larry L. Lackey, and James A. Salter, Technical Report 73-21,
September 1973; published by ARI as Technical Paper 257, October 1974.
AD-772 990. ED-080 888.

<u>ASSIST</u>: Technical Assistance in Training Development for the Staff
Development and Training Unit of the Kentucky Department of
Child Welfare (Kentucky Department of Child Welfare)

<u>How To Design Training Systems</u>, by Harold L. Moon, Ronald E. Kraemer, and
William C. Osborn, Final Report FR-D2-73-3, June 1973. ED-122 101.

<u>Development of a Training Plan for DCW Juvenile Service Unit Workers</u>,
Research Product, July 1973. ED-162 058.

ASTARTE: A Training Program for Tumor Registry Secretaries(Louisiana
           Regional Medical Program)

Tumor Registry Handbook for Instructional Programs in Medical Vocabulary and
Medical Chart Abstracting for Tumor Registrars, by C. Dennis Fink and Robert
F. Ryan, Research Product, 1971.

Instructional Program in Medical Vocabulary and Medical Chart Abstracting for
Tumor Registries, by C. Dennis Fink and Robert F. Ryan, Research Products,
1971:

    Lesson Book No. 1: Objectives, Functions, and Activities of a
    Tumor Registry.   ED-113 435.

    Lesson Book No. 2: Tumor Registrar Vocabulary: Cancer Characteristics
    and Selection of Cases.

    Lesson Book No. 3: Abstracting a Medical Chart: Patient Identification
    and Biographical, Social, and Medical History.

    Lesson Book No. 4: Abstracting a Medical Chart: Patient Identification,
    History, and Physical Examination.

    Lesson Book No. 5: Abstracting a Medical Chart: Diagnostic Methods
    and Reports.

    Lesson Book No. 6: Extent of Disease and Gross Anatomy of Four
    Body Systems.

    Lesson Book No. 7: Abstracting a Medical Chart: Extent of Disease
    for Lymphomas, Classification of Treatments, and Gross Anatomy for
    Four Body Systems.

    Lesson Book No. 8: Abstracting a Medical Chart: Treatment Classification,
    Surgical Procedures, Review of Body Systems.

    Lesson Book No. 9: Abstracting a Medical Chart: Treatment Procedures
    and Gross Anatomy for the Skeletal System.

    Lesson Book No. 10: Activities of a Tumor Registrar.

Administrative Procedures Manual for Instructional Program in Medical Vocabulary
and Medical Chart Abstracting for Tumor Registrars, by C. Dennis Fink and Robert
F. Ryan, Research Product, May 1972.   ED-122 142.

The Development and Evaluation of a Correspondence Training Program for Tumor
Registrars, by C. Dennis Fink and Robert F. Ryan, Technical Report 74-19,
August 1974.   PB-235 217.   ED-147 468.

ATC-PERFORM: Review, Evaluation, and Refinement of Performance Training in Army Training Centers (U.S. Army Research Institute for the Behavioral and Social Sciences)

Training Requirements for the Armor Crewman and Reconnaissance Specialist Advanced Individual Training Programs, by G. Gary Boycan and William L. Warnick, Consulting Report CR-D2-72-7, November 1972. AD-759 569.

Guidelines for Conducting Performance Training: A Manual for the Conduct of Performance-Oriented Training in Army Training Centers, Research Product, June 1973; published by U. S. Army Training and Developments Command as TRADOC Pamphlet 600-11, 22 October 1973.

Performance Measures for AIT Reconnaissance Specialist, by James H.Harris, J. Patrick Ford and B.B. Bell, III, Consulting Report CR-D2-74-1, April 1974. AD-A019 374.

Performance Measures for AIT Armor Crewman,by J. Patrick Ford, James H. Harris and Peter F. Rondiac, Consulting Report CR-D2-74-2, April 1974. AD-A019 375.

Memorandum of Activities and Accomplishments, FY73 and FY74, Interim Report, July 1974.

A Study of the Retention of Skills and Knowledge Acquired in Basic Training, by Robert Vineberg, Technical Report 75-10, June 1975. AD-A012 678. ED-131 221.

Self-Pacing a Gross Motor Skills Course: Crawler Tractor Operator, MOS 62E20, by Mark F. Brennan and John E. Taylor, Technical Report 75-19, June 1975. AD-A014 317. ED-112 110.

Self-Paced Instruction in a Cognitively Oriented Skills Course (Supplyman) MOS 76Y10, by Jacklyn E. Hungerland and John E. Taylor, Technical Report 75-20, June 1975. AD-A015 474. ED-114 589.

Establishing the Concepts and Techniques of Performance-Oriented Training in Army Training Centers: A Summary Report, by John E. Taylor, Technical Report 75-21, June 1975. AD-A016 108. ED-114 597.

Development, Field Test, and Refinement of Performance Training Programs in Armor Advanced Individual Training, by Douglas L. Young and John E. Taylor, Final Report FR-WD(CA)-75-8, June 1975. AD-A012 725. ED-110 796.

The Development of an Open-Access, Performance-Oriented Curriculum for Training the Military Policeman (MOS 95B20), by J. Richard Suchman, Albert L. Kubala and John E. Taylor, Final Report FR-WD (CA)-75-9, June 1975. AD-A012 726. ED-110 795.

ATC-PERFORM: continued...

Performance of First-Tour WAC Enlisted Women: Data Base for the Performance Orientation of Women's Basic Training, by H. Alton Boyd, L. Paul Dufilho, Jacklyn E. Hungerland and John E. Taylor, Final Report FR-WD(CA)-75-10, August 1975. AD-A016 189 ED-114 611.

"Performance Oriented Self-Paced Instruction in Basic Law Enforcement: A Sneak Preview," by Albert L. Kubala, Richard Suchman (HumRRO) and CPT R. Goodchild and SFC J. Weaber (Military Police School) in Military Police Law Enforcement Journal, Winter 1975.

"ATC-PERFORM: A Case Study in Individual Military Training Research and Development," by Howard H. McFann and John E. Taylor paper for First International Learning Technology Congress, National Security Industrial Association, Washington, D.C., July 1976; included in Instructional Technology in the Military, Professional Paper 2-76, November 1976. AD-A026 804. ED-125 630.

ATC-SYSTEM: Analysis of the Army Training Center System (Department of the Army)

Training Management in Basic Combat Training, by Mark F. Brennan, Joseph Ward, Herbert G. Gerjuoy, Nelson I. Fooks and Christopher Hungerland, Consulting Report, October 1969. AD-A026 340.

Progress Report on Analysis of Basic Combat Training Objectives, Consulting Report, 1970.

ATL: Research on Identification of Techniques for the Revision of Training Literature (U.S. Army Research Institute for the Behavioral and Social Sciences)

Guidebook for the Development of Army Training Literature: Rationale and Policy Implications from Interviews with Army Writers, by Richard P. Kern, and Thomas G. Sticht, Interim Report, March 1974.

A Survey of User Attitudes Toward Army Training Literature, by Morris Showel and Mark F. Brennan, Final Report, March 1974; included in ARI Research Memorandum 78-14, October 1978. AD-A075 432.

A Survey of User Attitudes Towards Army Training Literature: Appendices for Final Report, by Morris Showel and Mark F. Brennan, Research Product, March 1974; included in ARI Research Memorandum 78-14, October 1978. AD-A075 432.

Guidebook for the Development of Army Training Literature, by Richard P. Kern, Thomas G. Sticht, Diana Welty, Robert N. Hauke, Research Product, April 1974; published by ARI as ARI Special Publication P-75-3. AD-A033 935. ED-140 099.

A Survey of User Attitudes Towards Army Training Literature: Supplement to Final Report, by Morris Showel and Mark F. Brennan, Research Product, July 1974; included in ARI Research Memorandum 78-14, October 1978. AD-A075 432.

Guide to the Selection of Instructional Techniques, by Jacklyn E. Hungerland, William H. Melching, Mark F. Brennan and Morris Showel, Research Product, July 1974.

ATMED: Study of the Feasibility of Improving Telephone Company First Aid Training (Southern New England Telephone Company)

Improving Telephone Company First Aid, by Robert C. Trexler, Joel M. Reaser and Paul E. Loustaunau, Consulting Report, February 1975.

ATRAIN: Research on Development of Automated Training Technology
(U.S. Army Training Device Agency)

The Role of Automated Training in Future Army Flight Simulators, by Robert
N. Isley and Edward J. Miller, Final Report FR-ED-76-27, October 1976.
AD-A034 414.

ATT-1: Development of Measurement Instruments for the Initial Diagnosis
of Operator Performance (American Telephone and Telegraph Company)

Assessing of Local Geographic Information by Directory Assistance Operators,
by Hilton M. Bialek and Kenneth Weingarten, Report, April 1971.

Training Program for Multi-Leaf Accessing, Research Product, April 1971.

Remedial and Initial Training Program for Multi-Leaf Accessing: Training
Materials Preparation Manual, Research Product, July 1971.

Remedial and Initial Training Program for Multi-Leaf Accessing: Instructor's
Manual, Research Product, July 1971.

The Development of Diagnostic and Remediation Materials for New-Hire Operators,
by Hilton M. Bialek, Kenneth Weingarten and Gary Goettelmann, Technical Report
72-24, August 1972. PB-213 137.

ATT-11: Achieving a Balanced Job (American Telephone and Telegraph Company)

Requirements for Performing the Balanced Job: Telephone Traffic Departments,
by Larry L. Lackey, Michael R. McCluskey and Joseph A. Olmstead, Interim
Report TR-D4-71-29, July 1971.

Performance Objectives and Related Knowledges, Skills and Attitudes for
Balanced Job Performance Group Chief Operator, by Larry L. Lackey,
Michael R. McCluskey and Joseph A. Olmstead, Research Product RP-D4-71-34,
October 1971.

Planning Your Day, Research Product RP-D4-73-7A, April 1973.

ATTREEN: Army Career Attractiveness (Department of the Army)

A Study of Attitudes Toward Separation Processing, by Frank J. Dudek, Research Note No. 2, August 1952.

Enlisted Men's Attitudes Toward Career Attractiveness in the Army, by Fred J. Shanley, Joseph L. Seminara and David J. King, Information Report, April 1954.

AUDREAD: Auding and Reading: A Development Model and Review of Literature Bearing on Hypotheses Derived from the Model (U.S. Air Force, Human Resources Laboratory)

"Listening to Language and Looking at Language," by Thomas G. Sticht and James H. James, 1973.

Auding and Reading: A Developmental Model, by Thomas G. Sticht, Lawrence J. Beck, Robert N. Hauke (HumRRO), Glenn M. Kleiman (Stanford University), and James H. James (Northern Illinois University), Technical Report 74-11, January 1974. AD-786 042.

AUTHOR: Development of a Self-Instructional Course in Educational Technology for Authors of Computer-Based Learning Materials (Exxon Education Foundation)

Teaching with Computers: A Guide to Creating Instruction for Computer Presentation, by Michael J. Hillelsohn, Research Product, June 1979.

AUTOSPAN: Development of a Generalized Method for Preparing Self-Instructional
Foreign Language Courses (Department of the Army)

"Simulated Tutoring in Foreign Language Training," by George Brown,
presentation to American Psychological Association convention, San
Francisco, CA, July 1971.

AUTOSPAN   A Self-Instructional Course in Latin American Spanish, Research
Product, January 1969:

Introduction. AD-918 319

Social Amenities. AD-918 320

Restaurant Talk. AD-918 321

Shopping. AD-918 322

Transportation and Directions. AD-918 323

Reservations and Appointments. AD-918 324

Communicating in Spanish. AD-918 325.

"Development and Evaluation of a Self-Instructional Spanish Course," by
George H. Brown,   paper XVIIth International Congress of the International
Association of Applied Psychology, Liege, Belgium, July 1971; issued as
Professional Paper 21-71, October 1971. AD-735 052.   ED-057 705.

AVCAD: Study of Training Improvements (Federal Aviation Administration,
Department of Transportation)

A Study of Training Improvements; Volume 1: Findings and Analyses;
Volume 2: Recommendations for Improvement, by Alan Hundt, Robert Trexler,
and Patrick Butler, Final Report FR-D1-72-1, February 1972.
AD-A054 092 (Volume 1); AD-A054 056 (Volume 2).

<u>AVTRAIN</u>: A Study of U.S. Coast Guard Aviator Training and Training Device
Requirements (U.S. Coast Guard, Department of Transportation)

"Systems Engineering of Coast Guard Aviation Training," by Eugene R. Hall
and Paul W. Caro, paper for Symposium on Psychology in the Air Force,
Colorado, April 1971; issued as Professional Paper 17-71, August 1971.
AD-735 051.   ED-058 544.

<u>The Development of U.S. Coast Guard Aviation Synthetic Training Equipment
and Training Programs</u>, by Robert N. Isley, Winon E. Corley, and Paul W.
Caro, Final Report FR-D6-74-4, October 1974.   AD-A024 902.

"Development of Coast Guard Aircraft Simulators and Pilot Training Programs,"
by Paul W. Caro, 1975.

<u>AZTEC</u>: Identification of Performance Characteristics for Predetermining
Success as a Senior Noncommissioned Officer (U.S. Army Research
Institute for the Behavioral and Social Sciences)

<u>Assessment of Man-Ascendent Skills for Predetermining Success as a Senior
NCO</u>, by Paul G. Whitmore, Susan M. Larson and Robert J. Foskett, Final
Report FR-WD-TX-77-4, March 1977.

<u>Assessment of Man-Ascendent Skills for Predeterming Success as a Senior
NCO, Volume 2</u>, Final Report FR-WD-TX-78-15, September 1978.   AD-A081 013.

BABE: A National Survey for California of Model Programs Serving Handicapped
        Infants and Preschool Children (California State Department of Education)

A Survey for California of Model Programs Serving Handicapped Infants and
Preschool Children, by John E. Taylor, Final Report FR-MTRD(CA)-80-10,
38pp, July 1980.   ED-202 197.

Summary Information Describing Model California Programs Serving Handicapped
Infants and Preschool Children, by John E. Taylor, Research Product RP-MTRD-
(CA)-80-11, July 1980.   ED-202 197.

Selected Programs Serving Handicapped Infants and Preschool Children: A
Compendium of Program Descriptions for California Educators, by John E.
Taylor, Research Product RP-MTRD(CA)-80-12, July 1980.   ED-202 198.

BALANCE: Achieving Balance in the Performance of Group Chief Operators
           (American Telephone and Telegraph Company)

Personnel Training and Development: Administrative Guide, Research Product
RP-D4-72-6A, May 1972.

Supervisory Skills Module Administrative Guide, Research Product, September
1972.

Personnel Training and Development: Problem Book, Research Product
RP-D4-72-6B, September 1972.

Personnel Training and Development: Handout Materials, Research Product,
September 1972.

Communication: Administrative Guide, Research Product RP-D4-72-7A,
November 1972.

Communication: Problem Book, Research Product RP-D4-72-7B, November 1972.

Supervisory Skills: Administrative Guide, Research Product RP-D4-73-1A,
1973.

Superv: ory Skills: Problem Book, Research Product RP-D4-73-1B, 1973.

Joint Target Setting: Problem Book, Research Product, January 1973.

Joint Target Setting: Administrative Guide, Research Product, January 1973.

Planning Your Day: Administrative Guide, Research Product RP-D4-73-7A,
April 1973.

Planning Your Day: Problem Book, Research Product RP-D4-73-7B, April 1973.

<u>BASICTRAIN</u>: Improved Training Procedures for Basic Combat Training
(ATP 21-114) (Department of the Army)

<u>Performance Test: Basic Infantry Skills (ATP 21-114)</u>, Research Product,
1954.

<u>Analysis of Activities Questionnaire from Training Companies</u>, by Richard
Snyder, Consulting Report, April 1954.

"An Analysis of Results of the Leader Behavior Description Questionnaire
Technique Applied to Army Basic Training Companies and Platoons," by
Richard A. Duryea and George D. Greer, Jr., paper to Western Psychological
Association meeting, March 1956.

<u>Basic Trainee Troublemakers</u>, by George D. Greer, Jr., Richard A. Duryea,
Martha B. Myers, Darwin L. Palmer, and Morris Showel, Staff Memorandum,
August 1956.

<u>Basic Combat Training-Content, Volume 1: Troop Information and Indoctrination
Subjects; Volume 2: General Military Subjects; Volume 3: Tactical Training
and Weapons Instruction</u>, Research Product, September 1958.

<u>Basic Combat Training Problems Encountered by Training Division Personnel</u>,
by Thomas F. Nichols and Quana R. Jones, Jr., Interim Report, June 1959.

<u>Rules of Land Warfare and Code of Conduct</u>, Research Product, March 1960.

<u>First Aid</u>, Research Product, March 1960.

<u>Preliminary Formulation of a Learning Model Which Features Non-Fixed
Acquisition (X) and Assessment (t) Intervals</u>, by Joseph F. Follettie,
Report, March 1960.

<u>Acquisition of a Multidimensional Response (Y), Where Duration of Acquisition
(X) and Assessment (t) Intervals are Non-Fixed</u>, by Joseph F. Follettie,
Research Memorandum, April 1960. AD-A034 041.

"A Laboratory for BASICTRAIN," by Joseph F. Follettie, July 1960.

"Replicability, Utility, and Text Dimensionalization," by Joseph F.
Follettie, November 1960.

<u>Optimal Values of Typographical Dimensions</u>, by Thomas J. McCrystal, Research
Memorandum, June 1963.

BASAP: Evaluation of the Effectiveness of the Baltimore Alcohol
Safety Action Project (Maryland State Department of Health and
Mental Hygiene)

Baltimore Alcohol Safety Action Project: Annual Report, Calendar Year
1973, Annual Report, June 1974.

Analysis of Ultimate Performance Measures to Determine Total Project
Impact, Annual Report, June 1974.

An Analysis of ASAP Patrol Activity, Annual Report, June 1974.

An Analysis of the Impact of ASAP on the Traffic Safety System, Annual
Report, June 1974.

Analysis of Drinker Diagnosis Referral Activity, Annual Report, June
1974.

An Analysis of Alcohol Rehabilitation Activities,, Annual Report, June
1974.

Public Information and Education, Annual Report, June 1974.

Baltimore Alcohol Safety Action Project: Annual Report, Calendar Year
1974, by C. Dennis Fink, Richard D. Behringer and Roselyn L. Scott,
Annual Report, 1975.

Appendix "H" Tables, Annual Report, April 1975.

Analysis of Ultimate Performance Measures to Determine Total Project Impact,
by C. Dennis Fink, Richard D. Behringer. and Roselyn L. Scott, Annual Report,
June 1975.

Analysis of ASAP Patrol Activity, by C. Dennis Fink and Roselyn L. Scott,
Annual Report, June 1975.

Analysis of Impact of ASAP on the Traffic Safety System, by C. Dennis
Fink, Richard D. Behringer and Roselyn L. Scott, Annual Report, June 1975.

Analysis of Drinker Diagnosis Referral Activity, by C. Dennis Fink and
Roselyn L. Scott, Annual Report, June 1975.

Analysis of Alcohol Rehabilitation Activities, by C. Dennis Fink and
Roselyn L. Scott, Annual Report, June 1975.

Evaluation of the Alcohol Use and Traffic Safety Curriculum (K-12), by
C. Dennis Fink, Roselyn L. Scott and Richard D. Behringer, Annual Report,
June 1975.

BATTELLE: Consulting Services to Battelle Columbus Labs
(Battelle Columbus Laboratories)

Consultations Related to Terrain Model Board Design, by Paul W. Caro,
Final Report, May 1977.

BELL LABS: Consulting Services in the Area of Computer Assisted
Instruction for the Director Assistance System/Computer
(Bell Telephone Laboratories)

Feasibility of CAI for DASCIC Operator Training, by Robert J. Seidel,
Harold Wagner, Felix Kopstein, George R. Sedberry, Jr., Consulting
Report, February 1971.

BFG-CONVENT: Development of Workforce for Convent Chemical Corporation
(Convent Chemical Corporation, BF Goodrich Corporation)

Human Engineering Considerations for Plant Design, by Steven L. Funk,
Research Product RP-WD-CA-79-6, September 1979.

Pre-Hire Screening, by James Harris, Consulting Report CR-WD-CA-79-1,
October 1979.

Recommended Training Program and Alternative Strategies for Convent
Chemical Corporation, by Steven L. Funk and James H. Harris, Consulting
Report CR-WD-CA-79-10, October 1979.

Human Engineering Considerations - Diagnostic Instrument, by Steven L. Funk,
Research Product RP-WD-CA-79-8, October 1979.

BFG II: Development of a Reactive Liquid Polymer (RLP) Operator Training
         Program (BF Goodrich Corporation)

"Performance Oriented Training for Chemical Plant Operators," by Michael
McCluskey and John E. Taylor, May 1979.

BO'S'N: Multi-Dimensional Analysis of Recreational Boating Fatal
         Accident Data (Office of Boating Safety, U. S. Coast Guard)

Multi-Dimensional Analysis of Fatal Recreational Boating Accident Data,
by Richard D. Rosenblatt and Paul E. Loustaunau, Interim Report,
IR-ED-79-5, June 1979.

Multi-Dimensional Analysis of Fatal Recreational Boating Accidents, by
Richard D. Rosenblatt, Final Report, October 1979.

BRD-LOG: Expanded Behavioral Research and Development in Logistics
          (Department of the Army)

Expanded Behavioral Research and Development in Logistics: A Feasibility
Study, Report, July 1967.

BRIGCOM: Research on Training for Brigade Command Groups (U.S. Army Research Institute for the Behavioral and Social Sciences)

Research on Training for Brigade Command Groups: Factors Contributing to Unit Combat Readiness, by Joseph A. Olmstead, Michael J. Baranick and B. Leon Elder, Final Report FR-ED(C)-78-1, February 1978; published by ARI as Technical Report TR-78-A18, June 1978. AD-A056 054.

A Training Feedback System for Brigade Command Groups, by Joseph A. Olmstead, Michael J. Baranick and B. Leon Elder, Research Product RP-ED(C)-78-2, February 1978; published by ARI as Technical Report TR-78-A19, June 1978. AD-A056 342.

Training for Brigade Command Groups: Training Objectives and Strategies, by Joseph A. Olmstead, Michael J. Baranick and B. Leon Elder, Special Report SR-ED(C)-78-3, February 1978; published by System Development Corporation as TM-6008/001/00, February 1978.

BUCKEYE: The Validation of a Set of Occupational Clusters for Use in the Comprehensive Career Educational Model (CCEM) (Ohio State University)

An Occupational Clustering System and Curriculum Implications for the Comprehensive Career Education Model, by John E. Taylor, Ernest K. Montague and Eugene R. Michaels, Technical Report 72-1, January 1972. PB-210 089. ED-061 427.

"Occupational Clusters for Career Education," by John E. Taylor, in Third Yearbook of the American Vocational Association, Joel H. Magisos (ed.), Washington, D.C., 1973.

<u>CALLSIGN</u>: Common Core Personnel and Training Requirements (U.S. Army
Research Institute for the Behavioral and Social Sciences)

<u>A Method for Determining Common Core Personnel and Training Requirements</u>,
by Robert C. Trexler and Hugo F. Braden, Final Report FR-ED-75-13,
June 1975; published by ARI as Research Memorandum 76-27, December 1976.
AD-A076 825.

<u>CAMBCOM</u>: Knowledges, Skills, and Thought Processes of the Battalion
Commander and Primary Staff (Department of the Army)

<u>Battalion Commander Combat Arms Maneuver Battalion: Identification of
Knowledge and Skills and Investigation of Thought Processing</u>, by Arthur
J. DeLuca and Theodore R. Powers, Research Product RP-D4-71-26, 1971.
AD-731 305.   ED-057 343.

<u>Knowledge, Skills, and Thought Processing of the Battalion Commander
and Principal Staff Officers</u>, by Theodore R. Powers and Arthur J.
DeLuca, Technical Report 72-20, July 1972. AD-748 832.   ED-068 778.

<u>CAMEO</u>: Comparing Military and Civilian Skill Training: Instruction
and Program Evaluation (Office of the Assistant Secretary of
Defense, Manpower and Reserve Affairs)

<u>Comparing Military and Civilian Skill Training: Instruction and
Program Evaluation</u>, by Burl B. Gray, John E. Taylor and Wendy J. McGuire,
Final Report FR-WD(CA)-76-20, December 1976.   AD-A070 622.   ED-173 576.

<u>CAREER</u>: The Army as a Career for Existing and Potential Qualified
Personnel (Department of the Army)

"A Study of the Army Delinquent," by Francis H. Palmer, presentation
to Western Psychological Association meeting, March 1956.

<u>A Program for the Improvement of Recruit Training</u>, by Richard Snyder
and John S. Caylor, Report, February 1963.

31

CAROL: A Manpower and Training Needs Survey (Carolina Power and Light Company)

<u>Manpower and Training Requirements of Carolina Power and Light Company</u>: 1978-1991. Volume 1: Technical Report. Volume 2: Appendix D, Job Profiles, by Joseph A. Olmstead and B. Leon Elder, Final Report FR-ED(C)-77-20, August 1977.

CASES: Assessing the Impact, Benefits, Limitations, and Costs of Computer Innovations in Education: A Retrospective Case-Study Approach (National Science Foundation)

<u>Academic Computing Directory: A Search for Exemplary Institutions Using Computers for Learning and Teaching</u>, Paperback Book, 125 pp., 1977. ED-148 396 (Microfiche only).

<u>Instructional Computing - Ten Case Studies</u>, by Carol Hargan and Beverly Hunter, Paperback Book, 1978. ED-166 018.

<u>Academic Computing at Denison University - A Case Study</u>, by Beverly Hunter, Paperback Book, 1978.

<u>Academic Computing at Mankato University - A Case Study</u>, by Beverly Hunter, Paperback Book. 1978.

<u>Academic Computing at Worcester Polytechnic Institute - A Case Study</u>, by Beverly Hunter, Paperback Book, 1978.

<u>Academic Computing at Rutgers University - A Case Study</u>, by Beverly Hunter, Paperback Book, 1978.

"Student Accomplishments from Instructional Computing," by Beverly Hunter and Carol Hargan; published in the <u>Proceedings of the Association for Educational Data Systems Annual Convention</u>. Atlanta, Georgia, pages 135-143, May 1978.

<u>Assessing the Impact, Benefits, Limitations, and Costs of Computer Innovations in Education: A Retrospective Case Study Approach</u>, by Beverly Hunter, Robert J. Seidel, and Carol Hargan, Final Report FR-ED-79-1, February 1979. ED-208 852.

"Management of Instructional Computing: Advice from Ten Pre-College Institutions," by Beverly Hunter and Carol Hargan; published in <u>Proceedings of the National Educational Computing Conference</u>, Iowa City, Iowa, June 1979.

<u>CATALIST</u>: Computer Applications to Training for Advanced Learning in
Integrated Systems Technology (Department of the Army)

<u>Continental Army Command Computerized Training System (CTS) CTS Hardware</u>
<u>Concept (Preliminary Software Description)</u>, Research Product, September
1972.

<u>Continental Army Command Computerized Training System (CTS) Design Parameters</u>
<u>for Performance Evaluation</u>, Research Product, September 1972.

<u>Continental Army Command Computerized Training System (CTS) CTS Simulation,</u>
<u>Volume 1</u> (With Appendix A, "Design Parameters for Performance Evaluation"),
Research Product, September 1972.

<u>Continental Army Command Computerized Training System (CTS) - CTS Simulation</u>
<u>Volumes 2, 3, and 4</u>, Research Product, October 1972.

<u>Continental Army Command Computerized Training System (CTS) - CTS Simulation</u>
<u>Volume 5</u>, Research Product, October 1972.

<u>Continental Army Command Computerized Training System (CTS) - CTS Simulation</u>
<u>512 Terminals (Volume 6), 736 Terminals (Volume 7), 1024 Terminals (Volume 8)</u>,
Research Product, October 1972.

<u>Continental Army Command Computerized Training System (CTS) Initial Report</u>
<u>on Computer Managed Instruction (CMI)</u>, Research Product, October 1972.

<u>Student Initiated Reports: Operational Analysis in the Evaluation of CAI</u>
<u>Curricula</u>, by Michael J. Hillelsohn, Professional Paper 15-74, September
1974. AD-A000 840. ED-097 005.

<u>CHARGE Interactive Graphics System Terminal: Theory of Operation</u>, by Ronald
J. Swallow, Technical Report 74-26, December 1974. AD-A028 033. ED-126 923.

<u>Lesson Moniform - An Authoring Aid for the PLATO IV CAI System</u>, by Russel
E. Schulz, Research Product RP-ED-76-6, April 1975; published by ARI as
Special Publication P-76-1, February 1976.

<u>CHARGE Image Generator: Theory of Operation and Author Language Support</u>,
by Roger L. Gunwaldsen, Technical Report 75-3, May 1975. AD-A012 673.
ED-111 337.

<u>MONIFORMS as Authoring Aids for the PLATO IV CAI System</u>, by Russel E. Schulz,
Technical Report 75-5, May 1975. AD-A012 674. ED-110 030.

<u>Learner Control of Instructional Sequencing Within An Adaptive Tutorial</u>
<u>CAI Environment</u> by Robert J. Seidel, Harold Wagner, Richard D. Rosenblatt,
Michael J. Hillelsohn and John Stelzer, Technical Report 75-7, June 1975.
AD-A012 675. ED-111 338.

CATALIST: continued...

Figural vs. Semantic Presentation of Instruction, by Richard D. Rosenblatt,
Michael J. Hillelsohn, Harold Wagner, and Robert J. Seidel, Final Report,
August 1975.

"Learner Control of Instructional Sequencing Within an Adaptive Tutorial
CAI Environment," by Robert J. Seidel, Harold Wagner, Richard D. Rosenblatt,
Michael J. Hillelsohn and John Stelzer, Instructional Science, vol. 7,
pgs 37-80, 1978.

CATB (TAS):   Systems Engineering, Test, and Evaluation of Combat Arms
              Training (U.S. Continental Army Command)

Development of Job Relevant Paper and Pencil Tests, by Harold Wagner, C.
Dennis Fink, Richard D. Behringer, and Currell L. Pattie, Consulting
Report, CR-D1-73-3, June 1973.   AD-A054 504.

Systems Engineering of Training for Eight Combat Arms MOS, Air Defense
Branch, Research Product, RP-D4-73-9, June 1973.

Systems Engineering of Training for Eight Combat Arms MOS, Armor Branch,
Research Product, RP-D4-73-10, June 1973.

Systems Engineering of Training for Eight Combat Arms MOS, Field Artillery
Branch, Research Product RP-D4-73-11, June 1973.

Systems Engineering of Training for Eight Combat Arms MOS, Infantry Branch,
Research Product, June 1973.

Troop Test of the Combat Vehicle Simulator Concept, by T. Owen Jacobs,
Thomas R. Berrisford and Steven R. Stewart, Consulting Report CR-D4-74-7,
March 1974.

Task Inventories for Eight Combat Arms MOS, Research Product RP-D4-74-11,
May 1974.

Systems Engineering of Training for Eight Combat MOSs, by Michael R.
McCluskey, T. O. Jacobs, and Fred K. Cleary, Technical Report 74-12,
June 1974.   AD-782 195.

Test and Evaluation of Training Extension Course, by T. O. Jacobs and
Richard A. Hardy, Technical Report 74-16, June 1974.   AD-784 200.

CATTS: Development and Operational Testing of the Combined Arms Tactical
         Simulator (CATTS)   (U.S. Army Research Institute for the Behavioral
         and Social Sciences)

Research Accomplished in Support of the Combined Arms Tactical Training
Simulator Device (CATTS), by Theodore R. Powers and Arthur J. DeLuca,
Final Report FR-CD(C)-76-2, February 1976.   AD-A055 057.

CENTER: Improvement of Effectiveness of Basic Comba~ Training Graduates
         (Department of the Army)

Mental Rejects: The Problem , Past History and Some Justifications for
a Research Program, by Hilton M. Bialek, Staff Paper, September 1964.
AD-A080 457.

Interim Investigation of Characteristics, Performance, and Behavior
of Category IV Personnel in Basic Training, by Hilton M. Bialek and
Morris Showel, Research Memorandum, January 1965.

Preliminary Development of a Scale of Rewards in Basic Combat Training,
Staff Paper, December 1965.

The Corrective Action Questionnaire: Development and Administration to
Officers and NCOs, by Morris Showel, Technical Report 66-5, May 1966.
AD-637 789.

A Study of Category IV Personnel in Basic Training, by S. James Goffard,
Hilton Bialek, and Morris Showel, Technical Report 66-2, July 1966.
AD-481 737.

Forecasting Trainee Performance on BCT Proficiency Tests, by Morris Showel
Staff Paper, December 1966.   AD-A082 724.

Preliminary Study of Motivation and Incentives in Basic Combat Training,
by Hilton M. Bialek and Michael McNeil, Technical Report 68-6, May 1968.
AD-670 744.

CHAMPUS: Military Health Service System Non-User Beneficiaries
(Office of the Assistant Secretary of Defense, Health
Affairs, Health Studies Task Force)

Military Health Service System: Non-User and User Perceptions and Evaluations,
by Richard J. Orend and Richard D. Rosenblatt, Final Report FR-ED-77-14,
June 1977.   AD-A100 853.

CHATTER: Factors Contributing to the Gaining of Attention, Understanding, and
Credibility in Communications (Department of the Army)

"Attitudinal Change Through Modification of Attitude Structure," by Earl
R. Carlson, paper for American Psychological Association convention,
September 1954.

CHILD PEER: A Study of Wider Applicability of the APSTRAT Instructional
Model (HumRRO)

Utilization of a Quality-Assured Peer-Instructional System at Primary
And Elementary Grade Levels, by Jacklyn E. Hungerland, Report,
February 1972.

CIVIC: Guidelines for Civic Action Advisors (Department of the Army)

"The Technical Change Process," by Arthur Niehoff, paper for Symposium,
Special Operations Research Office, American University, Washington,
D.C., September 1963.

"The Key to Development in Peru: Capital or People?", by Arthur H.
Niehoff, paper for International Congress of Americanists, Madrid,
Spain, September 1964.

Civic Action Planning: Outline of Job Conceptualization and Training
Requirements, by Alfred J. Kraemer, Interim Report, October 1964.

"Toward the Development of Civic Action Doctrine," by Alfred J. Kraemer,
paper for Eleventh Annual Army Human Factors R&D Conference, Fort Bragg,
North Carolina, October 1965.

CIV-LIT: Functional Literacy Program for Civilian Use

"Criteria and Suggestions for Adoption: Functional Literacy (FLIT),"
by Marsha Shearer, December 1978.

"Functional Literacy: A Program That Works," by Marsha S. Shearer.

CLASSIC: A Program of Research on the Activities and Training of Guided
          Missiles Personnel (Department of the Army)

"Major Problem Areas in Guided Missiles Research," by Eugene A. Craig,
January 1955.

Survey of Selected Corporal Personnel, by Paul E. Thetford, Staff Memorandum,
July 1956.

CLASSROOM: Improving the Classroom Effectiveness of Army Instructors
            (Department of the Army)

Improving the Classroom Performance of Army Instructors, by William H.
Melching and Susan M. Larson, Technical Report 75-6, May 1975.
AD-A015 005.   ED-117 469.

CLEFT: Technical Assistance in the Evaluation of a Family Crisis
        Intervention Team Project (City of Cleveland, Ohio)

Report of Technical Assistance in the Evaluation of a Family Crisis
Intervention Team Project, by Charlotte L. Heinecke, Final Report
FR-WD-KY-76-19, October 1976.

CO-PILOT: Design, Develop, and Fabricate Two (2) Real-Time Day/Night Computer-Generated Image (CGI) Display Systems (Advanced Technology Systems Division, The Austin Company)

"COMPUTROL Computer Generated Day/Dusk/Night Image Display," by Ronald Swallow, Roscoe Goodwin, and Rudolph Draudin, paper for 11th NTEC-Industry Conference, Orlando, Florida, November 1978; included in Proceedings, 11th NTEC-Industry Conference, November 1978.

COAL-MAN: Supervisory and Management Training in the Underground Mining Industry (U.S. Bureau of Mines)

Underground Coal Mine Supervisory and Management Training - Phase I Report, by Paul Loustaunau, Joseph Olmstead, Richard Rosenblatt, and Devah Walker, Report, July 1979. AD-A103 194. ED-204 642.

Management and Supervisory Training: A Review and Annotated Bibliography, by Joseph A. Olmstead and Devah R. Galloway, Special Report SR-ETSD-80-8, June 1980. AD-A102 589. ED-204 527.

Identification of State Mine Foreman Procedure and Related Criteria in the United States, by Duane A. Letcher and Karen Malicoat, Final Report, December 1981. (Subcontractor: Western Wyoming College).

Wyoming Mine Foreman Certification Study Guide - Underground, by Duane A. Letcher and Karen Malicoat, Final Report, December 1981. (Subcontractor: Western Wyoming College).

Wyoming Mine Foreman Certification Study Guide - Surface, by Duane A. Letcher and Karen Malicoat, Final Report, December 1981. (Subcontractor: Western Wyoming College).

COAL-TRAIN: Improvement of On-the-Job Training Procedures Through Utilization of Modeling, Imitative, and Other Learning Techniques (U.S. Bureau of Mines)

On-The-Job Training and Social Learning Theory: A Literature Review, by Thurlow R. Wilson, Joseph A. Olmstead and Robert C. Trexler, Special Report SR-ETSD-80-5, May 1980. AD-A102 558 ED-204 594.

COLDSPOT: Human Factors in Military Performance in Extreme Cold Weather
(Department of the Army)

Small Unit Training for Northern Operations of STRAC Forces, by Norman
F. Washburne, Research Memorandum, 1961.

Methods of Studying the Effects of the Greenland Environment on Military
Organizations and Men, by Norman F. Washburne, Research Memorandum,
1961.

COMBO: Development of an Instructional Course Entitled "Recognition of
Occupational Health Hazards" (National Institute of Occupational
Safety and Health, Department of Health, Education and Welfare)

Recogniton of Occupational Health Hazards: Program of Instruction,
Research Product, August 1974.

Recognition of Occupational Health Hazards: Student Manual, Research
Product, November 1974.

Recognition of Occupational Health Hazards: Course Director Guide-
line, Research Product. November 1974.

Recognition of Occupational Health Hazards: Supplementary Course
Program, Research Product, November 1974.

Recognition of Occupational Health Hazards: Bi-Lingual Glossary
-- English/Spanish, Spanish/English, Research Product, 1974.

Recognition of Occupational Health Hazards: Instructor Manual, Volume
1, Research Product, 1974.

Recognition of Occupational Health Hazards: Instructor Manual, Volume
2, Research Product, 1974.

<u>COMBOE</u>:   Research to Relate Organizational Process Performance and Unit
            Mission Readiness (Combat Outcomes)   (U.S. Army Research
            Institute for the Behavioral and Social Sciences)

<u>Organizational Process and Combat Readiness: Feasibility of Training</u>
<u>Organizational Effectiveness Staff Officers to Assess Command Group</u>
<u>Performance</u>, by Joseph A. Olmstead and B. Leon Elder (HumRRO); John
M. Forsyth (ARI), Interim Report IR-ED-78-13, October 1978; being published
by ARI as Technical Report 468 (in press).

<u>Organizational Process Performance and Unit Mission Readiness: Training</u>
<u>for Battalion Command Groups, Volume 1</u>, by Joseph A. Olmstead, and B.
Leon Elder, Final Report, November 1980.

<u>Organizational Process Performance and Unit Mission Readiness: Training</u>
<u>for Battalion Command Groups, Volume 2, Appendix E, Training Materials</u>
<u>for OESO Workshop</u>, by Joseph A. Olmstead and B. Leon Elder, Final Report,
November 1980.

<u>Guide to Assessment of Organizational Process Performance</u>,by Joseph A.
Olmstead, Research Product RP-ED-78-16, December 1978; published by U.S.
Army Organizational Effectiveness Training Center, Fort Ord, CA., as
RB 26-5, <u>Guide to Assessment of Organizational Process Performance of</u>
<u>Battle Staffs</u>, December 1978.

<u>COMBREAK</u>:   A Study of Variables in Neuropsychiatric Breakdown in Combat
            (Department of the Army)

<u>Neuropsychiatric Breakdown in the Garrison Army and in Combat</u>, by Arnold
M. Rose, Subcontractor's Report, June 1954. (Subcontractor: University
of Minnesota).

<u>Factors in Mental Breakdown in Combat</u>, by Arnold M. Rose, Subcontractor's
Report, June 1954. (Subcontractor: University of Minnesota).

<u>Differences Between More Serious and Less Serious Combat Breakdown Cases</u>,
by Arnold M. Rose, Subcontractor's Report, June 1954. (Subcontractor:
University of Minnesota).

<u>Conscious Reactions to Combat Associated With Neuropsychiatric Breakdown</u>,
by Arnold M. Rose, Subcontractor's Report, June 1954. (Subcontractor:
University of Minnesota).

COMMUNICATE: Factors Influencing Communication Credibility (Department
              of the Army)

Factors Influencing Communication Credibility, by Harriet Beckwitt,
Staff Memorandum, March 1953.

COMMUNICATE: Dimensions of Attitude and Behavioral Change Programs
              (Department of the Army)

The Army Racial Awareness Program: A Case Study of Program Impact on
Personal Values, by Michael R. Vaughan and Richard E. Kriner, Special
Report SR-CD(L)-75-2, April 1975.   AD-A107 535.   ED-133 365.

The Effects of Group Size and Presentation Method on the Impact of a
Drug Presentation, by Richard E. Kriner and Michael R. Vaughan, Technical
Report 75-11, June 1975.   AD-A012 679.   ED-112 325.

COMNET: Some Information Processes in the Combat Rifle Company (Department
         of the Army)

Some Information Processes in the Combat Rifle Company: Exploratory Interviews
With U.S. Returnees from Korea, by Herman Turk, Information Report, July 1953.

COMPRAC: Preliminary Investigation of Communication Practices in Pre-
          Maneuver and Maneuver Situations (Department of the Army)

"The Information System of a Hierarchical Group," by Herman Turk, Paper,
1954.

COMPRESS: Provide Educational Management Support and Consulting Services
(Dothan City Board of Education, Alabama)

Third Year Evaluation Report for the Dothan City Schools Title III
Project, "Comprehensive Services for Children", Final Report FR-D6-74-3,
August 1974.   ED-104 068.

COMPUTER-LIT: Computer Literacy Guides for Elementary and Junior High
Schools (National Science Foundation)

"An Approach to Integrating Computer Literacy into the K-8 Curriculum,"
by Beverly Hunter, presentation to National Education Computer Conference,
Norfolk, VA., June 1980; issued as Professional Paper 2-80, October 1980.
ED-195 247.

COMTRAIN: An Improved System for Training and Evaluating Battalion
Command Groups (U.S. Army Research Institute for the
Behavioral and Social Sciences)

Draft Training Objectives for the Command Group of a Mechanized Infantry
Battalion in a Combat Environment, Research Product, February 1976.

The COMTRAIN Handbook: A System for Conducting Command Post Exercises
(CPX), Research Product RP-CD(C)-76-5, June 1976.

Training Battalion Command Groups with COMTRAIN Command Post Exercises,
Research Product RP-ED(C)-76-6, August 1976.

CPX Longthrust - Administrative Handbook for Chief Controller and Brigade
Controller - Instructions for Administration of CPX Longthrust, Research
Product RP-ED(C)-76-7a, August 1976.

CPX Longthrust - Pre-CPX Briefing and Practice Exercise for Controllers,
Research Product RP-ED(C)-76-7b, August 1976.

COMTRAIN: continued...

CPX Longthrust - Situation Summary (U.S) - Background Information for
Command Group, Chief Controller, Brigade Controller, U.S. Unit Controller
Subgroup, and U.S. Indirect Fire Support Controller Subgroup, Research
Product RP-ED(C)-76-7c, August 1976.

CPX Longthrust - Situation Summary (Threat) - Background Information for
Chief Controller, Brigade Controller, and Enemy Unit Controller Subgroup,
Research Product, RP-ED(C)-76-7d, August 1976.

CPX Longthrust - Probe Manual - Probes to be Inserted as Directed by
Chief Controller, Research Product RP-ED(C)-76-7e, August 1976.

CPX Longthrust - Master Listing of Programmed Evaluation Items, Research
Product RP-ED(C)-76-7f, August 1976.

A System for Training and Evaluating Battalion Command Groups with Gaming
Simulation Techniques, by Joseph A. Olmstead, Fred K. Cleary, Theodore R.
Powers, and James A. Salter, Final Report FR-ED(C)-77-4, August 1976.
AD-A063 737.

The Application of Gaming Techniques to Resident and Nonresident Instruction,
by Joseph A. Olmstead, and James A. Salter, Final Report FR-ED(C)-77-6,
September 1976. AD-A063 739.

CONDUIT: Evaluation of the CONDUIT Transportability Test - Second Year
         Activities (Duke University)

Evaluation of the CONDUIT Transportability Test, Volume 1: Final
Report; Volume 2: Appendices, by Robert J. Seidel, Nancy Hibbits,
and Carol Kastner, December 1974.

CONSULT: To Provide Educational Management Support and Consultant Services
         (Dothan City Public Schools, Alabama)

Second Year Evaluation Report for the Dothan City Schools Title III
Project "Comprehensive Services for Children", Report, July 1973.
ED-121 906.

CONTACT: Development of Training Procedures for Faster Acquisition of Perishable Tactical Information From Non-English-Speaking Prisoners of War (Department of the Army)

"Recommendations and Suggestions for Facilitating or Improving Foreign Language Training Based on a Review of the Special Warfare Language Training Program at Ft. Bragg, N.C.", by Eugene H. Rocklyn and Catherine Garvey, 1962.

"CONTACT: Research in Limited Language Training" by Eugene H. Rocklyn, October 1962.

"Area and Language Training Program for Career and Reserve Army Officers: A Review," by Eugene H. Rocklyn, Catherine C. Garvey, and Alfred I. Fiks, October 1962.

Tape Cartridges and Tape Recorders: The Tolerance of a Set of Equipment to a Period of Intensive Use, by William E. Montague and Eugene H. Rocklyn, Special Report, September 1964.

CONTENT: Structuring and Classifying Subject Matter Content (U.S. Army Research Institute for the Behavioral and Social Sciences)

Volume 1: Structuring and Classifying the Content of Instructional Subject Matter; Volume 2: Appendices, by John Stelzer, Final Report FR-ED-75-17, June 1975. ED-178 314.

CONVAL: Evaluation of Community Mental Consultation Services to Schools (National Institute of Mental Health, Department of Health, Education and Welfare)

Preliminary Handbook on Procedures for Evaluating Mental Health Indirect Service Programs in Schools, by Ernest K. Montague and Elaine N. Taylor, Technical Report 71-18, August 1971. PB-210 091. ED-080 587.

COPE: Development of a Method for Training Military Personnel for
Interaction With Foreign Nationals (Department of the Army)

Workshop in Intercultural Communication: Scripts for Videotaped Dialogues,
by Alfred J. Kraemer and John D. Harris, Research Product, January 1972;
included in Technical Report 73-17, Development of a Cultural Self-Awareness
Approach to Instruction in Intercultural Communication, July 1973.
AD-765 486.   ED-129 682.

"A Cultural Self-Awareness Approach to Improving Intercultural Communication
Skills," by Alfred J. Kraemer, presentation to Annual Meeting, International
Studies Association, New York, March 1973; issued as Professional Paper
5-73, April 1973. AD-760 488.   ED-079 213.

Development of a Cultural Self-Awareness Approach to Instruction in Inter-
cultural Communication, by Alfred J. Kraemer, Technical Report 73-17,
May 1973.   AD-765 486.   ED-129 682.

Workshop in Intercultural Communication: Handbook for Instructors, by
Alfred J. Kraemer, Technical Report 74-13, June 1974.   AD-782 196.
ED-129 683.

"Cultural Self-Awareness and Communication," by Alfred J. Kraemer in
International Educational and Cultural Exchange, Volume 10, No. 3, pp 13-16,
Winter 1975.

COPY: Xerox Corporation Training Systems Analysis--Phase I
(Xerox Corporation)

The XEROX Technical Representative: His Training, Support, Work, and
Rewards, by Robert C. Trexler, Patrick J. Butler and Hugh F. Braden,
Final Report FR-D1-73-2, March 1973.

The XEROX Technical Representative: His Training, Support, Work, and
Rewards. Technical Supplement to Final Report, by Robert C. Trexler,
Patrick J. Butler and Hugo F. Braden, Final Report Supplement, March
1973.

COTEAM: Combat Operations Training Effectiveness Analysis Model (COTEAM) Applied to Rifle Squad and Platoon Evaluation (U. S. Army Research Institute for the Behavioral and Social Sciences)

"Learning to Use the M16 and Grenades Effectively in Combat—How?," by David L. Hannaman and Jerry D. Freeble (HumRRO), and Robert H. Sulzen (ARI), August 1981.

Terrain Analytical Measures During Tactical Engagement Simulations, by David L. Hannaman, Professional Paper 9-81, December 1981.

COURSESPEC: Development of a Self-Instructional Course (SPECTRUM Training Corporation)

Program Development - Lab Guide, Research Product, 1980.

DMS Utilities II - Lab Guide, Research Product, 1980.

FACTS, Research Product, 1980.

Command Processor Lab Guide, Research Product, August 1980.

DMS Utilities I - Lab Guide, Research Product, October 1980.

CRAMPS: Study of Computer Alternatives Relevant to the Development of Computer Managed Instruction in the MCPS (Montgomery County Public Schools)

Projection for the Future of Instructional Computing in the Montgomery County Public Schools, by Joseph P. Fennell, William G. Underhill, Carol Hargan, Final Report FR-ED-77-3, February 1977.

CROSSTRAIN: A Preliminary Investigation of the Crosstraining of Missile Systems
Maintenance Personnel (Department of the Army)

An Analysis of the NIKE AJAX Missile Maintenance Job, by Robert A. Goldbeck
and Emanuel Kay, Subcontractor's Report, December 1957. (Subcontractor:
American Institutes for Research). AD-A034 126.

An Analysis of the NIKE AJAX Missile Maintenance Job: Appendices, by
Robert A Goldbeck and Emanuel Kay, Subcontractor's Report, December 1957.
(Subcontractor: American Institutes for Research).

CSC-PSC: Success and Work Expectancies of PSC (Public Service Career
Employees (U.S. Civil Service Commission)

A Study of the Success and Work Expectancies of Public Service Career
Employees, by L. L. Ainsworth and T. Owen Jacobs, Final Report, October
1972. PB-245 133. ED-117 353.

CTS-EVAL: Evaluation of a Prototype Computerized Training System (CTS)
(Project ABACUS) in Support of Self-Pacing and Management of
Instruction (U.S. Army Training Support Center)

Evaluation Priorities, Data Collection Approach, and Revised Data Collection
Procedures, Interim Report IR-ED-77-26, 1977.

Evaluation of a Prototype Computerized Training System (CTS) in Support
of Self-Pacing and Management of Instruction, by Robert J. Seidel, Richard
Rosenblatt, Harold Wagner, Russel Schulz, and Beverly Hunter, Final Report
FR-ED-78-10, August 1978. AD-A060 466.

DAD: Analysis of Manpower Research Data and Support of Surveys
       (Aerospace Medical Division, U.S. Air Force, Brooks Air Force
       Base, Texas)

Attitudes of Youth Toward Military Service: Results of National Surveys
Conducted in May 1971, November 1971, and June 1972, by Allan H. Fisher, Jr.,
Consulting Report CR-D7-72-30, August 1972.

Career Potential Among ROTC Enrollees: A Comparison of 1972 and 1973
Survey Results, by Allan H. Fisher, Jr., Richard J. Orend, and Leslie
S. Rigg, Consulting Report, CR-D7-73-107, November 1973; published
by the U.S. Air Force Human Resources Laboratory as AFHRL Technical
Report 74-39.   AD-781 374.   ED-115 198.

Career Potential of Enrollees in PLC, ROC, and AVROC: A Comparison of
Surveys Conducted in May 1972 and May 1973, by Allan H. Fisher, Jr.,
and Leslie S. Rigg, Consulting Report CR-D7-73-108, November 1973;
published by the U.S. Air Force Human Resources Laboratory as AFHRL
Technical Report 74-38.   AD-781 371.   ED-097 491.

Enrollment Potential for College-Based Military Officer Training Programs:
A Comparison of Results of Surveys Conducted in May 1972 and May 1973, by
Allan H. Fisher, Jr., Margi R. Harford and Martha R. DiSario, Consulting
Report CR-D7-73-92, January 1974; published by the U.S. Air Force Human
Resources Laboratory as AFHRL Technical Report 74-23; also published by
the Office of the Assistant Secretary of Defense (Manpower and Reserve
Affairs) as MR 74-3, January 1974.   AD-779 010.   ED-095 393.

Attitudes of Youth Toward Military Service in the All-Volunteer Force:
Results of National Surveys Conducted Between May 1971 and May 1973, by
John R. Goral and Andrea Lipowitz, Consulting Report CR-D7-74-148, May
1974.   AD-A094 083.

Attitudes of Youth Toward Military Service in the All-Volunteer Force:
Results from National Surveys Conducted Between May 1971 and November
1973, by John R. Goral and Andrea Lipowitz, Consulting Report CR-ED-74-1,
July 1974.   AD-A094 084.

DART: Conduct Training Sessions at Dart Industries, Inc., Headquarters
(Dart Industries, Inc.)

Improving Performance Counseling and Individual Development at Dart
Industries, Inc: A Planned Change Intervention, by Steven L. Funk
and Donald F. Polden, Final Report FR-WD-CA-79-1, September 1978 .

Performance Counseling and Development, Research Product, 1978.

Management Development Program for Dart Industries, Inc. - A Project
Approach, by Steven L. Funk, Research Product, RP-WD-CA-79-1, January
1979.

DATA: Research Studies and Analyses of Procurement, Utilization, Performance,
Retention, and Separation of Military Personnel (Office of the
Assistant Secretary of Defense, Manpower and Reserve Affairs)

Motivation and Attitudes of Officer Candidates: An Initial Report of
Findings from the Officer Pre-Comm Survey, by Allan H. Fisher, Jr.,
Consulting Report CR-D7-72-7, March 1972. AD-A015 560.

Attitudes of Youth Toward Military Service: Results of National Surveys
Conducted in May 1971, November 1971, and June 1972, by Allan H. Fisher,
Jr., Consulting Report CR-D7-72-30, August 1972; published by DoD as
MRR 72-2, August 1972. AD-A057 989.

Retention Rates and Composition of the Male Enlisted Force by Race and
Year of Entry to Active Service, by Kenneth Scheflen, Consulting
Report CR-D7-72-40, November 1972.

Enrollment and Career Potential for College-Based Military Officer Training
Programs: Results of a Survey Conducted in May 1972, Consulting Report
CR-D7-72-34, November 1972.

FY Enlisted Separations: Cause of Separation by Sex, Educational Level,
and Mental Group, by Kenneth Scheflen, Consulting Report, December 1972.

Retention of Male and Female Enlisted Personnel: Fiscal Year 1960 to 1971
Accessions, by Kenneth Scheflen, Consulting Report CR-D7-72-38, December
1972.

DATA: continued...

Current Issues on the Critical Skills Enlistment Bonus, by Richard L. Eisenman, Consulting Report CR-D7-72-41, December 1972.

Servicemen's Reactions to Proposed Military Nondisability Retirement Changes, Subcontract Report, 1973. (Subcontractor:Information Concepts Incorporated).

Draftees: AFQT Failures. Trend by (a) Geographic Area: Geographic Division and State: and (b) Race: Caucasian and "Other"; Negro, 1953-1971, Report, February 1973.

Attitudes of Youth Toward Military Service: Selected Data Tables from May 1971 to October 1972, by Allan H. Fisher, Jr., Consulting Report CR-D7-73-53, February 1973.

Characteristics of Army Male Enlistees Accessed During the First Seven Days, Last Seven Days, and Middle of the Month, July 1971 - December 1972, by Louis Pales, Jr., and Kenneth Scheflen, Consulting Report CR-D7-73-45, April 1973.

Army Applicants for Enlistment: Two Versus Three Year Enlistment, July 1971 - December 1972, by Robert J. Brandewie and Louis Pales, Jr., Consulting Report CR-D7-73-46, April 1973.

Recruiting of Women for the Military: Assessment of the Mental and Medical Standards and Their Present and Potential Effects on Recruiting Needs, by Bernard D. Karpinos, Consulting Report CR-D7-73-47, March 1973; published by the Manpower Research and Data Analysis Center as MR 75-4, July 1975.   AD-A072 428.

A Brief Assessment of the Military Medical Procurement Standards and Their Implications, by Bernard D. Karpinos, Consulting Report CR-D7-73-48, April 1973.

Preinduction Examinees: AFQT Failures -- Trend Data by Race and Geographic Area,by Bernard D. Karpinos, Consulting Report CR-D7-73-49, April 1973.

Average Years of Service for Male and Female Enlisted Personnel, By Individual Service as of 30 June 1972, by Kenneth C. Scheflen, Consulting Report CR-D7-73-50, May 1973.

Height Distribution by Race and Ethnic Group for Male Residents of the Southwest Examined for Military Service During Fiscal Year 1972, by Bernard D. Karpinos, G. Lee Giesecke and Kenneth C. Scheflen, Consulting Report CR-D7-73-51, May 1973.

Height Distribution by Race and Ethnic Group for Male Residents of Connecticut Examined for Military Service During Fiscal Year 1972, by Louis Pales, Jr., G. Lee Giesecke, and Kenneth C. Scheflen, Consulting Report CR-D7-73-54, June 1973.

DATA: continued...

Height Distribution by Race and Ethnic Group for Male Residents of New York and New Jersey Examined for Military Service During Fiscal Year 1972, by Louis Pales, Jr., G. Lee Giesecke and Kenneth C. Scheflen, Consulting Report CR-D7-73-55, June 1973.

Mean Heights and Weights for Female Enlisted Applicants and Accessions in Fiscal Year 1972 by Age Group and Race, by Louis Pales, Jr., Consulting Report CR-D7-73-57, June 1973.

Trends in Enlistment Motivation: Results of AFEES Surveys of Enlisted Men From April 1971 to April 1972, Consulting Report CR-D7-73-59, June 1973.   AD-778 089.

FY 71 Army Male Non-Prior Service Accessions: July 1970 to December 1972 Attrition for Failure to Meet Minimum Behavior or Performance Criterion - Non-High School Graduates by Mental Group, Age, and Education Level at Entry, Consulting Report CR-D7-73-60, June 1973.

FY 71 Army Male Non-Prior Service Accessions: July 1970 to December 1972 Attrition for Failure to Meet Minimum Behavior or Performance Criteria -- High School Graduate and Above, By Mental Group, Age, and Education Level at Entry, by Kenneth C. Scheflen and Robert J. Brandewie, Consulting Report CR-D7-73-61, June 1973.

Assignment of Male and Female Enlisted Personnel Serving on Active Duty 30 June 1972 versus 30 June 1971, by Service and DoD, by Kenneth C. Scheflen, Robert J. Brandewie, and J.R. Hamilton, Consulting Report CR-D7-73-62, June 1973.

Height of American Male Youths of Military Age by Race, Ethnic Group, and Selected Geographic Areas, Fiscal Year 1972, by Bernard D. Karpinos, G. Lee Giesecke and Kenneth C. Scheflen, Consulting Report CR-D7-73-63, July 1973.

Enlistment Potential and Incentive Appeal: A Review of Sample Survey Findings from the Gilbert Youth Surveys, by Allan H. Fisher, Jr., Research Product RP-D7-73-64, July 1973.

Trends in Enlistment Motivation: Results of AFEES Surveys of Enlisted Men from April 1971 to April 1972, by Allan H. Fisher, Jr., and Margi A. Harford, Consulting Report, CR-D7-73-59 (Revised), September 1973; published by the Office of the Assistant Secretary of Defense (Manpower and Reserve Affairs) as MA 73-1; also published by the U.S. Air Force Human Resources Laboratory as TR73-68.   AD-094 188.

<u>DATA</u>: Continued...

<u>A Comparison of Computerized Techniques for Recognizing Spanish Names</u>, by
G. Lee Giesecke, Professional Paper 9-73, October 1973.   AD-769 940.
ED-085 146.

<u>Attitudes of Youth Toward Military Service in a Zero-Draft Environment</u>
<u>Results of a National Survey Conducted in November 1972</u>, by Allan H.
Fisher, Jr., and Martha R. DiSario, Consulting Report CR-D7-73-58,
February 1974; published by the U.S. Air Force Human Resources Laboratory
as AFHRL Technical Report TR74-37.   AD-781 370.   ED-097 490.

<u>DEBRIEF</u>: Feasibility Study of a System for Debriefing MAAG Advisors
            (Department of the Army)

<u>The Advisory Debriefing Program</u>, by Samuel G. Taxis, Interim Report,
July 1967.

<u>Narrative Report of Data: The Advisor Debriefing Program, U.S. Military</u>
<u>Assistance Command, Thailand</u>, by Samuel G. Taxis, Consulting Report, November
1968.   AD-A003 545.

<u>Military Advising in Vietnam: 1969-1970</u>, by Warren R. Graham and William L.
King, Technical Report 73-24, November 1973.   AD-916 169.

<u>A Management Survey of Military Assistance Advisors: Activities and Behaviors</u>,
by Warren R. Graham, Technical Report 73-28, December 1973.   AD-916 547.

<u>DECIDE</u>: Decision Making and Training Techniques for Command and Control
           Systems (Department of the Army)

<u>Decision Making and Training Techniques for Command and Control Systems</u>,
by Trueman R. Tremble, T. O. Jacobs, and Arthur J. Deluca, Interim Report
IR-D4-74-17, June 1974.

<u>Decision-Making and Training Techniques for Command and Control Systems.</u>
<u>Part I. Overview of Research; Part II. Terminal Performance Objectives</u>
<u>for the Demonstration Model of CATTS.   Part III. A Model for Combat</u>
<u>Order Production</u>, by Trueman R. Tremble, Jr., Arthur J. DeLuca, and
Larry L. Lackey, Final Report FR-CD(C)-75-3, June 1975.   AD-A063 971
(Part I); AD-A063 972 (Part II); AD-A063 973 (Part III).

DECISION: Factors Influencing Command and Tactical Decision Making
          (Department of the Army)

"The Effects of a Decision Upon Subsequent Evaluation of Information
in a Changing Situation," by Richard Snyder and Carl H. Rittenhouse,
presentation to American Psychological Association meeting, September
1956.

DELCO: Development of Low Cost Combat Unit Leader Training Techniques
        (U.S. Army Research Institute for the Behavioral and Social
        Sciences)

Development of Low Cost Unit Leader Training Techniques - Tactical Problem
Solving Training System Design Specification, Research Product, 18 pp.,
August 1980.

Development of Low Cost Combat Unit Leader Training Techniques: Tactical
Problem Solving and Decision Making, Volume 1, by Kerm Henriksen, David
L. Hannaman and Joseph A. Olmstead (HumRRO); Earl S. Stein and James
M. Bruce (ARI), Final Report FR-ETSD-81-3, 46 pp., February 1981.

Development of Low Cost Combat Unit Leader Training Techniques: Tactical
Problem Solving and Decision Making, Volume 2: Appendices, by Kerm
Henriksen, David L. Hannaman and Joseph A. Olmstead (HumRRO); Earl S. Stein
and James M. Bruce (ARI), Final Report FR-ETSD-81-3, 265 pp., February 1981.

"Development of Low Cost Cognitive Training Techniques for Combat Leaders,"
by Kerm Henricksen, David L. Hannaman, and Joseph A. Olmstead (HumRRO);
Earl S. Stein (ARI), presentation for American Psychological Association
convention, Los Angeles, CA, September 1981.

<u>DELTA:</u> DoD Non-Therapeutic Drug Usage Survey and Research (Office of the
Assistant Secretary of Defense, Manpower and Reserve Affairs)

"Item Pool on Drug Utilization," by Allan H. Fisher, Jr., March 1971.

<u>Sampling Plan: A Statement of Objectives, Findings, and Sample Requirements,</u>
by Gary J. Hartzler and Allan H. Fisher, Jr., Research Product, May 1971.

<u>Data Analysis and Reporting Plan for the Survey of Drug Use: 1971</u>, by Allan
H. Fisher, Jr., and Gary J. Hartzler, Research Product, September 1971.

<u>Preliminary Findings from the 1971 DoD Survey of Drug Use</u>, by Allan H.
Fisher, Jr., Technical Report 72-8, March 1972.   AD-743 852.   ED-065 792.

<u>Analyses of Selected Drug-Related Topics: Findings From Interviews at Four
Armed Service Locations</u>, by Allan H. Fisher, Jr., Technical Report 72-9,
March 1972.   AD-743 853.   ED-064 637.

<u>Selected Demographic Correlates of Recent Drug Use: A Multivariate Analysis
of Inter-Service Data</u>, by Allan H. Fisher, Jr., Consulting Report
CR-D7-72-24, March 1972,

<u>The Effect of Different Administration Procedures on Reported Rates of
Non-Therapeutic Drug Utilization</u>, by Allan H. Fisher, Jr., and John A.
Richards, Staff Paper, April 1972.

<u>Details of Sample Derivation, Questionnaire Administration and Disposition
of Answer Sheet Returns for the 1971 DoD Survey of Drug Use</u>, by Allan H.
Fisher, Jr., Consulting Report CR-D7-72-18, Technical Notes and Supplement
to HumRRO Technical Report 72-8, May 1972.

"Drug Use in the Armed Services in September 1971: A Review of Sample Survey
Findings from HumRRO Project DELTA," by Allan H. Fisher, Jr., presentation
to HumRRO Board of Trustees, June 1972.

<u>DELTA-TWO</u>: Replication of the DoD Survey of Drug Use (U.S. Air Force, Aerospace Medical Division)

<u>Sampling Plan for the 1972 Survey of Drug Use:</u> U.S. Coast Guard, by Allan H. Fisher, Jr., Margi A. Harford, Research Product, RP-D7-72-32, October 1972.

<u>Sampling Plan for the 1972 Survey of Drug Use:</u> Department of Defense, by Allan H. Fisher, Jr., and Margi A. Harford, Research Product RP-D7-72-33, October 1972.

<u>Findings and Recommendations from the U.S. Coast Guard Survey of Drug and Alcohol Use</u>, by Allan H. Fisher, Jr., and Margi R. Harford, Technical Report 73-15, June 1973.

<u>Major Findings from the 1972 DoD Survey of Drug Use</u>, by Allan H. Fisher, Jr., Final Report FR-D7-73-134, February 1974; published by Department of Defense as Manpower Report 76-3, <u>The 1972 DoD Survey of Illicit Drug and Alcohol Use - A Report of Major Findings,</u> August 1975.   AD-A014 569.

<u>DESERT ROCK I</u>: Factors Influencing Performance of Troops Exposed to an Atomic Shot (Department of the Army)

<u>DESERT ROCK I: A Summary of the I&E Report, the ORO Report, and the Results of Further Analysis by HumRRO</u>, by John D. Cahalan, Report, July 1952.

<u>Summary of Research on DESERT ROCK I</u>, Report, September 1952.

<u>DESERT ROCK IV</u>: Factors Influencing Performance of Troops Exposed to an Atomic Shot (Department of the Army)

<u>Use of the Rifle Performance Test in DESERT ROCK IV</u>, by Noel Paradise Report, (1953).

<u>DESERT ROCK IV: Test-Retest Reliability</u>, by Don Cahalan, Staff Memorandum, January 1953.

"The Expression of Fear-Related Motivation in Thematic Apperception as a Function of Proximity to an Atomic Explosion," by Edward L. Walker and John W. Atkinson, (1958).

DESIGN: Development of an Experimental Design and an Evaluation Plan for
         MOS-Specific Literacy Training (U.S. Army Training Support Center)

Military Occupational Specialty (MOS) - Specific Literacy Training
Experimental Design and Evaluation Plan, by Robert Vineberg and John
N. Joyner, Report, 23 pp., undated.

DETECT: Detection of Human Targets by the Infantryman in the Field
         Situation (Department of the Army)

Detection of Human Targets, by James A. Caviness and Jeffery L. Maxey,
Technical Report 74-4, February 1974.   AD-776 381.

DEVICE: Analytic Procedures for Determining Functional Specifications
         for Training Devices (Department of the Army)

Task Descriptions for the Job of the IBM/1620 Computer Operator, by Henry
J. deHaan and Eugene F. MacCaslin, Research Product, September 1963.

DEVMOD: Design of a Functional Competence Training Program for Development, Dissemination and Evaluation Personnel (Far West Laboratory for Educational Research and Development)

Introduction to Evaluation (Entry Professional Level) Module 5.1, by Eugene R. Michaels, Research Product, May 1973.

Tests and Measurement (Entry Professional Level) Module 5.2, by Eugene R. Michaels and Diana Welty, Research Product, July 1973.

Design of Evaluation Instruments (Competence Assessment Battery) Module 5.3, by Diana Welty, Research Product, May 1973.

Competence Assessment Battery for Module 5.3: The Design of Evaluation Instruments -- Entry Professional Level, by Diana Welty, Research Product, May 1973.

Job Knowledge Test and End of Module Simulation for Module 5.4: Planning and Implementing Evaluation, by Eugene R. Michaels and Diana Welty, Research Product, May 1973.

Planning and Implementing Evaluation Module 5.4 and Competence Assessment Battery (Job Knowledge Test and End of Module Simulation for Module 5.4, by Eugene R. Michaels and Diana Welty, Research Product, May 1973.

DIAT: Driver Problems Diagnostic Assessment Techniques Validation Plan (National Highway Traffic Safety Administration, U.S. Department of Transportation)

Alcohol and Driver Safety: Diagnostic Assessment Techniques and Alcohol Countermeasures, Report, December 1974.

Diagnostic Assessment of Driver Problems: Medical/Physiological/Vision, Report, December 1974.

Diagnostic Assessment of Driver Problems: Personality/Attitude, Report, December 1974.

Diagnostic Assessment of Driver Problems: Record Audits (Driver Record/ Biographical/Exposure), Report, December 1974.

Diagnostic Assessment of Driver Problems: Driver Performance (Decision/ Performance/Recognition), Report, December 1974.

Diagnostic Assessment of Driver Problems: Volume 1. The State-of-the Art in Driver Problem Diagnosis: Volume 2. Assessment Techniques for Operational Users, by Robin S. McBride and Kenneth W. Stroad, Jr., Final Report FR-ED-75-21, August 1975. PB-247 750 (Volume 1); PB-247 749 (Volume 2). ED-120 408 (Volume 1); ED-120 409 (Volume 2).

DIMEX: Design, Development and Field Validation of Diagnostic Measures of Armor Crewmen Performance (U.S. Army Research Institute for the Behavioral and Social Sciences)

Design and Development of Diagnostic Measures for Armor Crewmen Performance -- XM1, by Roy C. Campbell, Final Report FR-MTRD(KY)-80-9, September 1980.

DISC: Information Dissemination in Science Education (National Science Foundation)

Information Dissemination for Science Education, Final Report FR-ED-79-6, October 1979.

DIV-SKILL: The Development of Techniques for the Conduct of Individual Training in the Unit Setting (U.S. Army Research Institute for the Behavioral and Social Sciences)

Motor Transport Operator Training: An Approach to Preparing Training Managers and Instructors to Design, Conduct, and Evaluate Performance Oriented Training, by Morris Showel, Mark F. Brennan, and William H. Melching, Final Report FR-WD-CA-75-22, November 1975; published by ARI as TR-77-A10, September 1977. JSAS MSS. 1984. AD-A042 585.

The Development and Trial Evaluation of Alternate Programs for Unit Training Managers and Trainers, by William H. Melching, Mark F. Brennan, Jacklyn E. Hungerland, Morris Showel, and John E. Taylor, Final Report FR-WD-CA-75-23, November 1975; published by ARI as TR-77-A12, September 1977. AD-A042 586.

The Development and Trial Evaluation of Alternate Programs for Unit Training Managers and Trainers. Appendix A: Performance Objectives. Appendix B: Comprehensive Performance Tests. Appendix C: Miniaturized Performance/Knowledge Tests, by William H. Melching, Mark F. Brennan, Jacklyn E. Hungerland, Morris Showel, and John E. Taylor, Appendices to Final Report FR-WD-CA-75-23, November 1975; published by ARI as TR-77-A12-ABC, September 1977. AD-A042 587.

DIV-SKILL: continued...

The Development and Trial Evaluation of Alternate Programs for Unit
Training Managers and Trainers. Appendix D: Directed Practice for
the TO&E Unit Training Manager Course, by William H. Melching, Mark F.
Brennan, Jacklyn E. Hungerland, Morris Showel, and John E. Taylor,
Appendices to Final Report FR-WD-CA-75-23, November 1975; published by
ARI as TT-77-A12-D, September 1977.   AD-A042 572.

The Development and Trial Evaluation of Alternate Programs for Unit
Training Managers and Trainers. Appendix E: Guided Self Study Program for
TO&E Unit Training Manager Course. Appendix F: Book Solutions for Self
Study Program, by William H. Melching, Mark F. Brennan, Jacklyn E.
Hungerland, Morris Showel, and John E. Taylor, Appendices to Final
Report FR-WD-CA-75-23, November 1975; published by ARI as TR-77-A12-EF,
September 1977.   AD-A042 588.

The Development and Trial Evaluation of Alternate Programs for Unit
Training Managers and Trainers. Appendix G: Directed Practice Program for
TO&E Unit Instructor/Trainer Course, by William H. Melching, Mark F.
Brennan, Jacklyn E. Hungerland, Morris Showel, and John E. Taylor,
Appendices to Final Report FR-WD-CA-75-23, November 1975; published by
ARI as TR-77-A12-G, September 1977.   AD-A042 573.

The Development and Trial Evaluation of Alternate Programs for Unit Training
Managers and Trainers. Appendix H: Guided Self Program for TO&E Unit
Instructor/Trainer Course. Appendix I: Book Solutions for Self Study
Program, by William H. Melching, Mark F. Brennan, Jacklyn E. Hungerland,
Morris Showel, and John E. Taylor, Appendices to Final Report FR-WD-CA-75-23,
November 1975; published by ARI as TR-77-A12-HI, September 1977.   AD-A042 574.

Assessment Devices, Research Product, undated.

<u>DMDC</u>: Studies and Analyses of Manpower Data in Support of the Defense
           Manpower Data Center (Office of the Assistant Secretary of Defense,
           Manpower, Reserve Affairs and Logistics)

<u>Alternatives for Computerized Referral Inventory for DoD SES Incumbents</u>,
by D. Richard McGonigal, Consulting Report, 7 pp., March 1980.

<u>Representation and Relative Compensation of DoD Minority and Female
Scientists and Engineers</u>, by D. Richard McGonigal, Report, 57 pp.,
May 1981.

<u>DOLPHIN</u>: Impact of Restructured Maintenance Process on ULMS Maintenance
             Personnel Factors (Strategic Systems Projects Office, Department
             of the Navy)

<u>A Plan for ULMS Weapon System Maintenance and Its Personnel Implications</u>, by
Robert C. Trexler and Paul E. Loustaunau, Technical Report 72-36, November
1972.   AD-753 816.

DOT-ASAP: Manpower Development Program for Managers of Model Alcohol Safety Projects (National Highway Traffic Safety Administration, Department of Transportation)

Application for Federal Funds for Alcohol Safety Action Project, Research Product, August 1970.

Guidebook for Proposal Development, Alcohol Safety Action Projects, Research Product, November 1970.

Instructor's Guide: Management Workshop for Alcohol Safety Action Project, Research Product, 1971. ED-123 333.

"Detailed Plan for Manpower Development Programs for Managers of Model Alcohol Safety Projects," January 1971.

Task/Skill Analysis of ASAP Project Director Functions, Research Product, February 1971.

Proceedings of Management Workshop for Alcohol Safety Action Project Leaders, Research Product, June 1971. ED-114 472.

Handbook for Project Directors, Alcohol Safety Action Projects, Research Product, August 1971. ED-123 334.

The Development of a Training Workshop and Handbook for Directors of Alcohol Safety Action Projects (ASAPs), Interim Report IR-D1-71-3, September 1971. PB-244 806.

DOT-DE: Development of Driver Education Objectives: A Driving Task Analysis (National Highway Traffic Safety Administration, Department of Transportation)

"Analysis of the Driving Task," by A. James McKnight and Bert Adams, presentation to American Psychological Association meeting, Miami, Florida, September 1970.

"Needed -- Goals for Driver Education," by A. James McKnight in Concepts, volume 4, no. 2, Spring-Summer 1971.

"The Development of Instructional Objectives for Driver Education Through Analysis of the Driver's Tasks," by A. James McKnight, presentation at Symposium on Psychological Aspects of Driver Behavior, Institute for Road Safety Research SWOV, Noordwijkerhout, Netherlands, August 1971.

DOT-IG: Development of Course Guides for Teacher and Instructor
Preparation in Driver Education (National Highway Traffic
Safety Administration, Department of Transportation)

"Development of Standards for Graduate-Level Programs of Traffic Safety
Education," by A. James McKnight, December 1972.

The Development of Guides for Teacher Preparation in Driver Education,
by A. James McKnight, Alan G. Hundt, and June S. Cunningham, Final
Report FR-D1-73-1, January 1973; issued as Professional Paper 12-74,
June 1974.   PB-231 564.

Guide for Teacher Preparation in Driver Education: Secondary School
Edition, by A. James McKnight, Alan G. Hundt, June S. Cunningham,
and Jerome Corbino, Research Product, January 1973; published by the
National Highway Traffic Safety Administration as DOT HS-801-132,
July 1974.   ED-093 855.

Guide for Teacher Preparation in Driver Education: Driving School
Edition, Research Product, January 1973.

Detailed Plan for Development of Course Guides for Teacher and Instructor
Preparation in Driver Education, Research Product, December 1970.

DOT-MC: Curriculum for Secondary School Driver and Traffic Safety
Education (National Highway Traffic Safety Administration,
Department of Transportation)

"The Application of Systems/Task Analysis to the Identification of Driver
Perception and Decision-Making Processes," by A. James McKnight, presentation
to Symposium on Road User Perception and Decision Making, Rome, Italy,
November 1972.

Interim Specifications: Safe Performance Curriculum, Research Product,
February 1973.

Safe Performance Curriculum for Secondary School Driver Education: Phase
I -- Test Plan, Research Product, June 1973.

Safe Performance Curriculum: First Revision, Interim Report, September
1973.

Safe Performance Curriculum: Student Materials. Driver Education
Curriculum for Secondary Schools. Final Revision, Research Product,
1974. ED-176 017.

Safe Performance Curriculum, Volume I, Research Product, 1974.

Safe Performance Curriculum, Volume II, Research Product, 1974.

Administrative and Support Requirements for Implementing a Safe Performance
Curriculum, Research Product, April 1974.

Safe Performance Curriculum for Secondary School Driver Education: Program
Development, Implementation, and Technical Findings, by Mary C. Riley
and Robin S. McBride, Technical Report 72-23, 269 pp., September 1974.
PB-241 210. ED-115 827.

Driver Education Curriculums for Secondary Schools. User Guides: Safe
Performance Curriculum and Pre-Driver Licensing Course, Final Report
FR-ED-74-3, September 1974. ED-126 241.

Safe Performance Curriculum: Instructor Guidance Materials, Research Product
(Two Volumes), September 1974.

Pre-Driver Licensing Course: Instructor Guidance Materials. Driver Education
Curriculum for Secondary Schools, Research Product, September 1974.
ED-176 016.

DOT-SBS: Study of School Bus Safety (National Highway Safety Bureau,
          Federal Highway Administration, Department of Transportation)

The Selection and Training of School Bus Drivers, by A. James McKnight,
Carolyn M. McClelland, and Mary E. Berry, Technical Report 71-3,
241 pp., February 1971.   PB-244 813.   ED-064 489.

DOTHAN: Provision of Consulting Services to the Dothan City Schools
         (Dothan, Alabama City Schools)

"Teacher Workshops," by Paul W. Caro, presentation to the Southeastern
Psychological Association meeting, Atlanta, Georgia, April 1972.

The Occurrence of Inappropriate Classroom Behavior Among Elementary
School Children, by H. Alton Boyd, L. Paul Dufilho, Wallace W. Prophet
and Paul W. Caro, Report, July 1972.   ED-114 759.

DRAGCORR: Identification of the Knowledges, Skills, and Abilities
           Necessary to Maximize Performance on the Dragon Weapon
           System (Naval Training Equipment Center)

Correlates of Launch Effects Trainer (LET) Performance, Interim Report
IR-D4-73-17, 1973.

Identification of the Knowledges, Skills, and Abilities Necessary to
Maximize Performance on the DRAGON Weapon System: Interim Report One,
by Steven R. Stewart, T. Owen Jacobs, and Chester I. Christie, Interim
Report IR-D4-74-1, January 1974.

Identification of the Knowledges, Skills, and Abilities Necessary to
Maximize Performance on the DRAGON Weapon System: Interim Report Two (U),
by Steven R. Stewart, Chester I. Christie, and T. Owen Jacobs,
Interim Report IR-D4-74-4, January 1974. (CONFIDENTIAL).   AD-C003 043.

Performance Correlates of the DRAGON Training Equipment and the DRAGON
Weapons System, by Steven R. Stewart, Chester I. Christie, and T. Owen
Jacobs, Final Report FR-D4-74-12, May 1974; published by the Naval
Training Equipment Center as NTEC Final Report NAVTRAEQUIPCEN N61339-
74-C-0056-1, May 1974.   AD-A024 903.

<u>DRAGON</u>: Research on the Contribution of Live Firing to Weapons
Proficiency (U.S. Army Research Institute for the Behavioral
and Social Sciences)

<u>A Survey of Army Weapons Training and Weapons Training Devices</u>, Interim
Report IR-D4-73-13, September 1973; published by ARI as Research
Memorandum 76-8, April 1976.   AD-A082 953.

<u>Task Analyses of Three Selected Weapons Systems</u>, Interim Report
IR-D4-74-8, March 1974; published by ARI as Research Memorandum 76-20,
October 1976.   AD-A082 955.

<u>DRAGON Videotape</u>, by Donald F. Haggard, Research Product, August 1974.

<u>Job Objectives for M60A1A0S Tank Gunnery Compared   to Proposed Training</u>:
<u>Volume 1: Report of Development; Volume 2: Job-Objective and Training-</u>
<u>Objective Narrative</u>, by Ronald E. Kraemer, William L. Warnick, Jack
R. Reeves, Richard D. Healy and John A. Boldovici, Final Report FR-D2-
75-1, March 1975; published by ARI as Research Memorandum 76-9,   .
April 1976.   AD-A076 811.

<u>Determination of the Contribution of Live Firing to Weapons Proficiency</u>,
by Theodore R. Powers, Michael R. McCluskey, Donald F. Haggard (HumRRO;
G. Gary Boycan and Frederick Steinheiser, Jr., (ARI),Final Report
FR-CD(C)-75-1, 69 pp., March 1975; published by ARI as Technical Report
TR-75-A1, March 1975.   AD-A036 060.

DRAMA: Studies and Analyses on Accession Patterns, Medical Standards, and Incentives (Office of the Assistant Secretary of Defense, Manpower, Reserve Affairs and Logistics)

"Termination of the G.I. Bill of Rights: A New Era for the Peacetime Volunteer Force," undated.

Scholarship Insurance as a Post-Service Education Benefit, by Richard L. Eisenman, Research Product, 10 pp., undated.

Hiring Cost Comparisons, by Christine Bernardeau, Research Memorandum, undated.

One Year with the Combat Arms Bonus, by Richard L. Eisenman, Report, undated.

The Flow of Enlistees into Skills, by Richard L. Eisenman and McNeill Smith III, Consulting Report CR-ED-74-2, September 1974.

"The Intellectual Content of Operational Decisions," by Richard L. Eisenman, presentation to Johns Hopkins University Seminar, Baltimore, Maryland, October 1974.

Military Medical Personnel Procurement, by Robert Gaines, Research Memorandum, December 1974.

The Relevance of Previous DoD Surveys for Current Marketing Problems, by Richard J. Orend and M. Nell Bailey, Special Report SR-ED-75-3, 37 pp., February 1975.

A Cohort Analysis of Accession Behavior, by Allen H. Rotman, Special Report SR-ED-75-4, March 1975.

U.S. Reserve Forces: The Dynamics of Personnel Procurement, by Robert N. Gaines, Special Report SR-ED-75-7, 35 pp., March 1975.

Applicants for Enlistment: Results of Examination for Military Service (Fiscal Years 1972 and 1973), by Bernard D. Karpinos, Special Report SR-ED-75-5, April 1975; published of OASD(M&RA) as Manpower Report MR 76-2, July 1975. AD-A014 316.

Reflections on the BMS and Survey of the Methodology and Content of Service Submissions for the FY-76 BMS, by Richard L. Eisenman and Alistair C. Fyfe, Special Report SR-ED-75-14, May 1975.

Educational Benefits Study: Initiation Report, by Richard L. Eisenman,
Report, May 1975.

AFQT: Historical Data (1958-1972), by Bernard D. Karpinos, Special Report
SR-ED-75-12, June 1975; published by OASD(M&RA) as Manpower Report
MR 76-1, July 1975.   AD-A014 315.

Educational Benefits Analysis: Progress Report, Report, June 1975.

Educational Benefits Analysis: Progress Reports I, II, III, Interim
Report, 1975.

Educational Benefits Analysis -- Second Progress Report, Report, July
1975.

Army Medical Corps Force Projections by Specialty Status Report, Report,
132 pp., June 1975.

Army Medical Corps Force Projections by Specialty, by Allan H. Rotman
and Janice W. Morris, Research Product RP-ED-75-22, 140 pp., September
1975.

U.S. Armed Forces Minority Officer Procurement, by Christine Bernardeau,
Richard L. Eisenman, Agnes C. Purcell, Technical Report 75-23, October
1975.   AD-A017 719.   ED-117 331.

A Counseling Approach to Armed Forces Retruiting, by Gus C. Lee and
Martha McAfee, Research Product RP-ED-75-24, October 1975.   ED-143 953.

Educational Benefits Analysis: An Examination of the Effects of G. I.
Bill Educational Benefits on Service Accessions by Richard L. Eisenman,
Mark J. Eitelberg, Agnes C. Purcell, Barry M. Richmond, Curtis L. Wagner
III (HumRRO); and Richard W. Hunter (OASD(M&RA), Special Report SR-ED-75-25,
November 1975.   AD-A026 371.   ED-147 639.

Selected Characteristics of DoD GS16-18 Executive Work Force and Some
Implications for Executive Development, by D. Richard McGonigal, Special
Report, January 1976.

Conclusions and Implications from the Analysis of Educational Benefits,
by Richard L. Eisenman, Mark J. Eitelberg, Agnes C. Purcell, Barry M.
Richmond, and Curtis L. Wagner III, Report, February 1976.

Enlistment Bonus Research: Status Report, by Ellyn S. Bloomfield,
and Richard L. Eisenman, Research Product RP-ED-76-5, March 1976.

DRAMA: continued...

Minority Officer Procurment: Modeling Results, by Agnes C. Purcell,
Special Report SR-ED-76-12, June 1976. (FOR OFFICIAL USE ONLY).

Male Chargeable Accessions: Evaluation by Mental Categories (1953-1973,
by Bernard D. Karpinos, Special Report SR-ED-75-18, January 1977;
published by OASD (M&RA) as Manpower Report MR 77-1, January 1977.

Ending the Draft: The Story of the All Volunteer Force by Gus C. Lee
and Geoffrey Y. Parker, Final Report FR-PO-77-1, April 1977.
AD-A044 158.

ASD (M,RA&L) Educational Liaison Programs History, Current Situation
and Outlook, by Marty McAfee and Gus C. Lee, Special Report, July 1977.

Recruiting in the Selected Reserve, by Gus C. Lee, Special Report,
September 1977.

Baseline Data on DoD Civilian Work Force Attrition FY75 and FY76,
by D. Richard McGonigal, Special Report, October 1977.

Evaluation of Initial Participation in the Post-Vietnam Era Veterans'
Educational Assistance Program, by Mark J. Eitelberg, Richard D.
Rosenblatt and John A. Richards, Final Report FR-ED-77-28, October
1977.

Field Advertising Account Executives, by Gus C. Lee, Report, December
1977.

First Annual Report to Congress on the Post-Vietnam Era Veterans'
Educational Assistance Program, Report, 178 pp., 1978.

Interim Presentation on Study of DoD Civilian Attrition, by D. Richard
McGonigal, Interim Report, 21pp., January 1978.

Manual for the Federal Women's Program, Final Report FR-PO-78-1, 140 pp.,
March 1978.

Separation Characteristics of Selected DoD GS 11-18 Employees: Statistics
and Implications, by D. Richard McGonigal, Report, 25 pp., July 1978.

The Post-Vietnam Era Veterans's Educational Assistance Program: Partici-
pation During the First Year, by Mark J. Eitelberg, John A. Richards,
Richard D. Rosenblatt, Final Report FR-ED-78-12, 217 pp, August 1978.
AD-A063 931.

Comparison of DoD and Private Sector Age-Mean Salary Paylines for
Selected Occupations, by D. Richard McGonigal, Draft Report, 44 pp.,
October 1978.

DRAMA: continued...

High School Testing Program: Executive Summary, by Gus C. Lee, Report, 9 pp., October 1978.

The Standby Draft-Recruiting Issues, by Gus C. Lee, Draft Report, 23 pp., November 1978.

Evaluation of the DoD High School Testing Program, by Gus C. Lee, Final Report FR-PO-79-1, 114 pp., January 1979.   AD-A077 887.

Report on the Armed Services Classification Tests and "Aptitude Indices", by Lloyd G. Humphreys, Report, 12 pp., March 1979.

Absentee Voting Among Military Personnel and Federal Civilian Employees: Findings from the 1978 Post-Election Voting Survey and a Survey of Unit Voting Officers, by John A. Richards, Final Report FR-ED-79-2, 108 pp., May 1979.   AD-A077 571.

Absentee Voting Among Privately-Employed U.S. Citizens Living Overseas: Findings from the 1978 Post-Election Voting Survey, by John A. Richards, Final Report FR-ED-79-3, 58 pp., May 1979.   AD-A077 567.

Mobilization Planning -- The Disposition of Military Manpower Under Emergency Mobilization Procedures, by Gus C. Lee, Report, 63 pp., September 1979.

Draft Guidance to DoD Component ERBs Regarding Allocation of SES Candidate Pool by Major Occupation Fields, by D. Richard McGonigal, Draft Report, November 1979.

Interim Data on the First Automated DoD Civilian Cohort File FY75 - FY79, by D. Richard McGonigal, Research Product, 13 pp., February 1980.

United States Army Recruiting Command Recruiting for the United States Army Selected Reserve, by Gus C. Lee, Report, 90 pp., March 1980.

EAGLE: Study to Evaluate and Recommend Changes to Curricula at the U. S. Coast Guard Academy (U.S. Coast Guard)

Recommendations Concerning Methods and Media Appropriate to Leadership Training and Education at the U.S. Coast Guard Academy, by T. Owen Jacobs, Interim Report IR-D4-73-6, 82 pp., May 1973. AD-A087 188.

An Interpretation of the Analyses of the Job Task Inventory Questionnaire and the Development of the Education and Training Requirements for Graduates of the U.S. Coast Guard Academy, Interim Report, August 1973.

The U.S. Coast Guard Academy Curricula: An Evaluation, by Theodore R. Powers, James A. Caviness, T. Owen Jacobs, and Jeffery L. Maxey, Technical Report 74-2, 94 pp., February 1974. AD-774 999. ED-088 392.

EBAT: Evaluation and Revision of the Basic and Advanced Training of the Light Weapons Infantryman (Department of the Army)

The Evaluation and Revision of the Basic and Advanced Training of the Light Weapons Infantryman, Subcontractor's Report, April 1954. (Subcontractor: American Institues for Research).

Technical Appendices to the Evaluation and Revision of the Basic and Advanced Training of the Light Weapons Infantryman, Subcontractor's Report, April 1954. (Subcontractor: American Institutes for Research).

ECHO: Synthetic Flight Training Programs and Devices (Department of the Army)

Helicopter Training Device -- Flying Between Obstacles, by Wallace W. Prophet, Research Memorandum, June 1962.

Survey of Current Synthetic Flight Training, by Wiley R. Boyles and Paul W. Caro, Jr., Research Memorandum, June 1964.

ECHO II Interim Report: Trainee Attrition, by Paul W. Caro, Jr., Interim Report, May 1965.

Some Implications of Digital Computer Advances for Army Simulation Requirements, by Paul W. Caro, Jr., Staff Paper, June 1965.   AD-A082 722.

Small Development Requirement (SDR) for a Synthetic Helicopter Primary Flight Training Device, by Paul W. Caro, Research Product, August 1965.

Small Development Requirement (SDR) for a Synthetic Flight Training System, by Paul W. Caro, Research Product, November 1965.

"Synthetic Devices in Aviation Training," by LTC Berkeley D. More, Wallace W. Prophet and COL DeRosey C. Cabel, briefing for U.S. Continental Army Command, August 1966.

The Effectiveness of Present Synthetic Device Training in the Rotary Wing Tactical Instrument Training Program by Paul W. Caro, Jr., Robert N. Isley and Oran B. Jolley, Interim Report, November 1966.

ECOM: Acceptance Test Plans for U.S. Army's Computerized Training System (U.S. Army Electronics Command)

Report: Acceptance Test for Phase I CTS, by Beverly Hunter, Final Report, September 1974.

Report on the Phase II Acceptance Test for CTS (Computerized Training System), by Beverly Hunter, Final Report, April 1975.

Report on the Final Acceptance Test for CTS (Computerized Training System), by Beverly Hunter, Final Report FR-ED-76-28, August 1976.   AD-A033 400.

EDINN: Project EDINN, Educational Innovation (Project EDINN, A Supplementary Educational Center serving the Central Coast Counties of California)

An Assessment of Educational and Cultural Needs in Three Counties: San Benito, Santa Cruz, and Monterey, California, by Hilton M. Bialek, Ernest K. Montague and Michael McNeil, Report, (April 1967). ED-200 372.

A Preliminary Investigation of Continuation School Programs, by Hilton M. Bialek, Staff Report, May 1967.

A First Year Evaluation of Individually Prescribed Instruction (IPI) Programs in Four Schools in the Three-County Area, by Hilton M. Bialek and Kristen Perkins, Report, 90 pp., August 1967.

A Second Year Evaluation of Individually Prescribed Instruction, by Hilton M. Bialek and Barbara Castro, Report, November 1968. ED-036 157.

"A Measure of Teachers' Perceptions of Bloom's Educational Objectives" by Hilton M. Bialek.

EDM: Enlistment Decision-Making Process (U.S. Army Research Institute for the Behavioral and Social Sciences)

Reserve Enlistment Motivation. Volume 1: Approach and Analysis. Volume 2: Frequency Distributions for Questionnaire Responses, by Richard J. Orend, Robert N. Gaines and Marsha J. Michaels, Final Report FR-ED-77-12, June 1977; published by ARI as TR-77-A18 (Volume 1 only). AD-A046 270.

ELEVEN-MIKE: Evaluation of Infantry Fighting Vehicle Training (Battelle Columbus Laboratories/U.S. Army Training Support Center)

Training for the Infantry Fighting Vehicle-M2: An Evaluation of the 11M10 Course, by Roy C. Campbell and William C. Osborn, Special Report SR-MTRD (KY)-81-17, 128 pp., October 1981.

Evaluation Plan for 11M OSUT, Research Product, 25 pp., October 1981.

ENABLE: Facilitating Employment of Disabled Veterans (Manpower
Administration, Department of Labor)

Public Employment Office Services to Disabled Vietnam-Era Veterans,
by Thurlow R. Wilson, Interim Report IR-D7-74-146, November 1973.

Wanted -- Jobs With Fair Pay for Veterans with Dis-Abilities, by Thurlow
R. Wilson and John A. Richards, Paperback Book, December 1974; published
by U.S. Department of Labor as Manpower R&D Monograph 41, Jobs for
Veterans with Disabilities, 1975.   ED-133 474.

"Facilitating Employment of Disabled Veterans," by Thurlow R. Wilson,
presentation to Disabled Veteran Committee, President's Committee for
Employment of the Handicapped, Washington, D.C., December 1974.

Disabled Veterans of the Vietnam Era: Employment Problems and Programs,
by Thurlow R. Wilson, John A. Richards and Deborah H. Bercini, Technical
Report 75-1, January 1975.   PB-239 433.   ED-106 526.

Executive Summary from "Disabled Veterans of the Vietnam Era: Employment
Problems and Programs," by Thurlow R. Wilson, John A. Richards and
Deborah H. Bercini, Research Product, January 1975.

"Equal Opportunity for Disabled Veterans?", by John Richards in
Manpower, volume 7, no. 3, pp 15-22, March 1975.

ENDORSE: Effects of Controlled Isolation on Performance (Department
of the Army)

ENDORSE Bibliography, Research Product, 14 pp., May 1958.

"Personality and Endurance of Sensory Deprivation," by Thomas I.
Myers, Seward Smith, and Donald B. Murphy, January 1967.

ENDURE: Tank Crew Performance During Periods of Extended Combat
(Department of the Army)

A Partially Annotated Bibliography on Optimal Work-Rest Cycles, by
John D. Engel and Harold P. Bishop, Consulting Report, March 1971.
AD-A020 655.

*The Effects of a 48-Hour Period of Sustained Field Activity on Tank
Crew Performance*, by L. L. Ainsworth and H. P. Bishop, Technical Report
71-16, July 1971.   AD-731 219.   ED-955 257.

"The Effects of 48 Hours of Sustained Field Activity on Tank Crew Per-
formance," by L. L. Ainsworth and H. P. Bishop, presented to the American
Psychological Association, Honolulu, Hawaii, 1972.

EPADATA: Development of an ADP Training Program to Serve the EPA
Data Processing Community (Environmental Protection Agency)

*Interview Findings: ADP Training Needs and Preliminary Curriculum:
Preliminary Task I Completion Report*, Research Product RP-ED-76-6,
May 1976.

ADP Skills and Knowledge Inventory, Research Product RP-ED-76-16, 20 pp.,
June 1976.

ADP Training Program Strategy: Interim Task 3 Report, Research Product
RP-ED-76-17, 9 pp., June 1976.

Preliminary Task 2 Completion Report, by Russel E. Schulz, Research Product
RP-ED-76-20, July 1976.

*Development and Validation of a Method of Evaluating In-House Contract
Instructors: Final Task 2 Completion Report* by Russel E. Schulz, Research
Product RP-ED-76-26, July 1976.

Course Specifications: Final Task 3 Completion Report, Research Product
RP-ED-76-33, 98 pp., July 1976.

Interview Findings: ADP Training Needs: Final Task I Completion Report,
Research Product RP-ED-76-30, 144 pp., August 1976.

ADP Training Administration: System for Managing and Reporting, Research
Product RP-ED-76-31, 21 pp., August 1976.   AD-A085 971.

Coordinated ADP Training Plan: Volume 1, by Martin L. Rubin, Marilyn
Knetsch, Beverly Hunter, Russel E. Schulz, and Richard Rosenblatt, Final
Report FR-ED-76-34, September 1976.

Coordinated ADP Training Plan. Volume 2: Interview Summaries, by Martin
L. Rubin, Marilyn Knetsch, Beverly Hunter, Russel E. Schulz, and
Richard Rosenblatt, Final Report FR-ED-76-34, September 1976.

EPATRAIN: Environmental Protection Agency Safety Management
Training Program (Environmental Protection Agency)

Safety Management Training Program: Instructor and Student Manual,
Research Product RP-ED-75-19, 200 pp., August 1975.

EPMS: To Provide Assistance in Development and Implementation of the
Enlisted Personnel Management System (U.S. Army Research
Institute for the Behavioral and Social Sciences)

Performance Test Development for Skill Qualification Testing: A Manual,
by Robert Vineberg and Elaine N. Taylor, Research Product RP-WD-CA-75-5,
July 1975; published by ARI as Manual for Developing Skill Qualification
Tests, January 1976. AD-A052 152.

"Skill Qualification Test Components and Their Relationship to Knowledge-
Oriented and Performance-Oriented Tests," by Robert Vineberg, Elaine N.
Taylor, and William C. Osborn, presentation to EPMS Implementation
Meeting, Headquarters, TRADOC, Fort Monroe, VA., August 1975.

"Sampling and Simulation in Tests of Job Performance," by Elaine N.
Taylor, Robert Vineberg, and William C. Osborn, presentation to EPMS
Implementation Meeting, Headquarters, TRADOC, Fort Monroe, VA., August
1975.

The Development of a Skill Qualification Test Manual and the Conduct of
Test Development Workshops for the U.S. Army's Enlisted Personnel
Management System, by Theodore R. Powers, Michael R. McCluskey, Chester
I. Christie, H. Alton Boyd, and Pamela Mays, Final Report FR-CD(C)-76-1,
March 1976. AD-A052 152.

ERC: Study of Exemplary Rehabilitation Program (Manpower Administration,
Department of Labor)

Employment Assistance to Ex-Servicemen with Other Than Honorable
Discharges: A Study of the Department of Labor's Exemplary Rehabilitation
Certificate Program, by Thurlow R. Wilson, Robert M. Madsen and John A.
Richards, Technical Report 74-9, April 1974. PB-234 778.

Employment Assistance to Ex-Servicemen with Other Than Honorable Dis-
charges: A Study of the Department of Labor's Exemplary Rehabilitation
Certificate Program, Volume 1: Report of the Study; Volume 2: Verbatim
Comments, Data Collection Instruments and Related Materials, by Thurlow
R. Wilson, Robert M. Madsen and John A. Richards, Final Report,
November 1972. AD-220 314 (Volume 1). ED-078 154 (Volumes 1 and 2).

ESCORT: Evaluation Strategies for Computer Based Training (Advanced Research Projects Agency)

Team Training and Evaluation Strategies: A State-of-the Art Review, by Harold Wagner, Nancy Hibbits, Richard Rosenblatt and Russel Schulz, Special Report SR-ED-76-11, June 1976; also published as Technical Report 77-1. AD-A027 507.

Establishment of Improved Procedures for Reporting and Reviewing ARPA Programs and Projects, by C. Dennis Fink, Interim Report IR-ED-76-13, June 1976.

Towards the Development of DARPA Costing Specifications for Computer-Based Training Systems, by Robert J. Seidel, Harold Wagner, and Carol Kastner, Special Report SR-ED-76-29, 15 pp., June 1976.

New Technologies and Instructional Systems: Implications for Computer-Based Training, by Robert J. Seidel, Harold Wagner, and Ronald J. Swallow, Special Report SR-ED-76-47, June 1976.

PLATO Evaluation Review Report, by Robert J. Seidel, Harold Wagner (HumRRO); Arthur A. Lumsdaine (University of Washington; and Eva L. Baker (University of California), Special Report SR-ED-76-38, September 1976.

Program Evaluation, by Harold Wagner and Robert J. Seidel, Special Report SR-ED-76-39, 28 pp., (September 1976).

Development of a DARPA Cost Specification for Computer-Based Training Systems, by Robert J. Seidel, Harold Wagner, and Carol Hargan, Special Report SR-ED-76-40 (Revised), September 1976.

Implications of Videodisc and Holographic Displays for Computer-Based Training, by Robert J. Seidel, Nancy Hibbits, Harold Wagner, Martin L. Rubin and Ronald J. Swallow, Special Report SR-ED-76-46, September 1976.

Team Training and Evaluation Strategies: A State-of-the Art Review, by Harold Wagner, Nancy Hibbits, Richard Rosenblatt, and Russel Schulz, Technical Report 77-1, February 1977; also published as Special Report SR-ED-76-11. AD-A038 505. ED-127 958.

Learning Strategies Research Program Formative Evaluation Plans and Procedures, by Harold Wagner, Special Report SR-ED-77-17, June 1977.

ESCORT: continued...

Cost-Effectiveness Specification for Computer-Based Training Systems
--Executive Summary; Volume 1: Development w/Workbook; Volume 2:
Procurement w/Workbook; Volume 3: Operation and Maintenance w/Workbook,
by Robert J. Seidel and Harold Wagner, Research Product, September 1977.
AD-A081 051 (Executive Summary); AD-A080 812 (Volume 1); AD-A080 813
(Volume 2); AD-A080 814 (Volume 3).

A Cost/Effectiveness Specification: An Approach to Training System
Evaluation, by Robert J. Seidel and Harold Wagner, Special Report
SR-ED-77-30, September 1977.

Program Evaluation, by Harold Wagner and Robert J. Seidel, Chapter
8 in Learning Strategies, Academic Press, 1978; issued as Professional
Paper 11-78, October 1978.   AD-A071 244.

System Response Time and Feedback Effects on Learning and Retention
by Harold Wagner, Robert J. Seidel, and Michael J. Hillelsohn, Special
Report SR-ED-78-15, 35 pp., November 1978.

"A Cost-Effectiveness Specification," by Robert J. Seidel and Harold
Wagner, in Procedures for Instructional Systems, Harold F. O'Neil, Jr.
(ed.), Academic Press, 1979.

ESEA-AL: Consulting Services on Compensatory Education (Board of
            Education, Berkeley County, West Virginia)

Proposed Evaluation Design, by David S. Bushnell, Research Product,
October 1975.

ESEA-AL-II: Continuation of Consulting Services on Compensatory
              Education (Board of Education, Berkeley County, West
              Virginia)

Berkeley County In-Service Training Workshop, Research Product,
September 1976.

Annotated Bibliography Compiled for Berkeley County Teaching Staff,
Research Product, 37 pp., September 1976.

First Interim Report: NIE Research Project, by Barbara Brown (Berkeley
County Board of Education), Research Product, November 1976.

<u>ESEA-AL-III</u>: Continuation of Consulting Services on Compensatory Education (Board of Education, Berkeley County, West Virginia)

<u>An Analysis of the Effects of Individualized Reading and Math Labs on the Achievement of Academically Deprived Students in Berkeley County, West Virginia</u>, by Richard D. Rosenblatt, Final Report FR-ED-79-7, October 1979. ED-183 584.

<u>ESPRIT</u>: Development of Methods for Improving Soldier Adjustment to the Army (Department of the Army)

<u>The Effect of Different Levels of Confinement on the Self-Concept of Military Stockade Inmates</u>, by Louis J. Beccaria, Consulting Report, 23 pp., May 1971. AD-A083 441.

<u>Prediction of Delinquent Behavior Among Army Basic Trainees</u>, by Wayne B. Shoemaker, Thesis presented to the Graduate School, Murray State University, May 1972.

<u>Reenlistment Intentions of Tank Commanders</u>, by Eugene H. Drucker, and Shepard Schwartz, Technical Report 72-17, May 1972. AD- 43 854.

<u>The Prediction of AWOL, Military Skills, and Leadership Potential</u>, by Eugene H. Drucker and Shepard Schwartz, Technical Report 73-1, January 1973. AD-759 161. ED-074 342.

<u>Prediction of Delinquency Among Army Enlisted Men: A Multivariate Analysis</u>, by Wayne B. Shoemaker, Eugene H. Drucker, and Richard E. Kriner, Technical Report 74-3, February 1974. AD-778 787.

<u>A Longitudinal Study of Attitude Change and Alienation During Basic Combat Training</u>, by Eugene H. Drucker, Technical Report 74-15, June 1974. AD-782 192.

<u>The Effects of Basic Combat Training on the Attitudes of the Soldier</u>, by Eugene H. Drucker, Technical Report 74-17, June 1974. AD-782 194.

<u>Changes in Soldier Attitudes</u>, by Eugene H. Drucker, Technical Report 74-21, August 1974. AD-786 538. ED-155 347.

<u>EUCOM</u>: Research for Improving Training for Company Command (U.S. Army Research Institute for the Behavioral and Social Sciences)

<u>Leadership Tasks Performed by U.S. Army Company Commanders in Europe</u>, by Steven R. Stewart, Chester I. Christie, and T. O. Jacobs, Final Report FR-CD(C)-75-6, July 1975; published by ARI as Research Problem Review 76-16, November 1976. AD-A076 649.

<u>Leadership Problems and Behaviors of U.S. Army Company Commanders in Europe</u>, by Joseph A. Olmstead, Chester I. Christie, and T. O. Jacobs, Final Report FR-CD(C)-75-10, November 1975.

<u>EUFAULA</u>: A Staff Development Plan for the Eufaula Adjustment Center, Alabama Department of Mental Health (Alabama Department of Mental Health)

"Eufaula Adjustment Center: A Center for the Modification of Maladaptive Behavior," by Johnnie L. Bilbrey, Jr., in <u>The Alabama Psychologist</u>, vol. 11, no. 5, Winter 1972.

"Communication With Potential Residents and Referral Sources," by Paul W. Caro, presentation at Southeastern Psychological Association, New Orleans, La., April 1973.

<u>Staff Training Manual for the Eufaula Adjustment Center</u>, by Paul W. Caro, John L. Bilbrey, Kathryn U. Paulk, and John Meads III, Research Product, September 1973.

<u>The Eufaula Adjustment Center: A Progress Report</u>, by Waters C. Paul (Eufaula Adjustment Center) and Paul W. Caro (HumRRO), Technical Report 73-29, December 1973. PB-227 245. ED-158 189.

"Treatment of Urinary Response: A Three-Part Approach," by Paul W. Caro, 1974.

<u>EVEN</u>: The Integration of Social Activities on Nine Army Posts
       (Department of the Army)

<u>The Integration of Social Activities on Nine Army Posts, Report of an</u>
<u>Exploratory Study</u>, Subcontractor's Report, August 1953. (Subcontractor:
International Public Opinion Research, Inc.).

<u>The Integration of Social Activities on Nine Army Posts, Report of an</u>
<u>Exploratory Study</u>. <u>Appendix II: Detailed Reports on Individual</u>
<u>Installations</u>, Subcontractor's Report, August 1953. (Subcontractor:
International Public Opinion Research, Inc.).

FACIT: Technical Assistance in the Evaluation of a Family Crisis
         Intervention Training Program (City of Rochester Police
         Department, New York)

Report of Technical Assistance in the Evaluation of a Family Crisis
Intervention Program, by Charlotte L. Heinecke, Final Report,
FR-WD-KY-76-16, October 1976.

FAMCRI: An Approach to Evaluating a Police Program of Family Crisis
          Intervention in Six Demonstration Cities (Law Enforcement
          Assistance Administration, U.S. Department of Justice)

An Approach to Evaluating a Police Program of Family Crisis Intervention
in Six Demonstration Cities, by Peter B. Wylie, Louis F. Basinger,
Charlotte L. Heinecke, and Jean A. Rueckert, Final Report FR-WD-KY-76-11,
237 pp., August 1976; published by the U.S. Department of Justice
(NILECJ, LEAA) as NCJ-43023.

FAMILY: An Investigation of the Factors Involved in the Moral Judgment
          of Marital Status and Family Size (National Institute of Child
          Health and Human Development)

An Investigation of the Factors Affecting Moral Judgment of Marital
Status and Family Size, by Eugene H. Drucker, Final Report FR-CD(L)-75-4,
128 pp., August 1975.   PB-247 461.   ED-167 477.

FAR WEST I: Design of a Functional Competence Training Program for
              Development, Dissemination and Evaluation of Personnel at
              Professional and Paraprofessional Levels in Education
              (Far West Laboratory for Educational Research and
              Development)

Proposed Task Analysis Model for Far West Lab Consortium, by Elaine
N. Taylor, Hilton M. Bialek, and Robert Hauke, Research Product,
25 pp., November 1970.

Design of a Functional Competence Training Program for Development,
Dissemination, and Evaluation Personnel at Professional and Para-
professional Levels in Education. Volume 1: Summary; Volume 2:
Extended Discussion and Supporting Materials, by Paul D. Hood,
Bela Banathy, Joseph Ward and others, Research Product, December 1970.

FAR WEST II: Design of a Functional Competence Training Program for
              Development Dissemination and Evaluation of Personnel
              (Far West Laboratory for Educational Research and
              Development)

End of Module Exercise for Information/Data Collection and Organization
Course: Module 5 -'The Retrieval of Information Using Bibliographic
Sources, by Elaine N. Taylor, Research Product, October 1971.

End of Module Evaluation. Communication Skills Course, Module 3:
Preparation of Consumer Oriented Information, by Richard Kern,
Elaine N. Taylor, and Robert Hauke, Research Product, July 1972.

FAR WEST III: Studies of the Employer-Based Career Education Model
(Far West Laboratory for Educational Research and
Development)

Study Area No. 7. Instructional Model: Bases and Rationale, by Elaine
N. Taylor and Robert Vineberg, Interim Report, November 1971.

Study Area No. 8. Instructional Model: Intended Outcomes and Content,
Interim Report, November 1971.

Study Area No. 9. Instructional Model: Processess of Instruction, by
Eugene R. Michaels, Interim Report, November 1971

Study Area No. 11. Instructional Model: Implementation and Management,
by Robert Vineberg and Elaine N. Taylor, Interim Report, November 1971.

Considerations on the Design of an Instructional System for Employer-
Based Career Education, by Eugene R. Michaels, Elaine N. Taylor and
Robert Vineberg, Final Report, May 1972.   ED-122 002.

FAR WEST-ENGINEER: Development of Module 2 (Far West Laboratory for
Educational Research)

Manual for the Instructional Resource Manager. Engineering a
Component. Development Engineering.   Module 2.   Professional Level,
by Eugene R. Michaels and Robert N. Hauke, Research Product, September
1972.

FEARE: Fear-Related Responses (Department of the Army)

Analysis of Projective Data for Fear-Related Responses, by John W.
Atkinson, Joseph Veroff, William Dember, Robert Birney and
Robert Moulton, Subcontractor's Report, August 1952. (Sub-
contractor: University of Michigan).

Theoretical Basis of Projective Measures of Fear, by John W.
Atkinson, Subcontractor's Report, March 1953. (Subcontractor:
University of Michigan).

FEDCON: Develop Student Workbook and Teacher's Guide Dealing With Clerical Operations Within the Railroad Industry and the Nature of Railroad Labor Organizations (Federated Consultants, Inc.)

BRAC/Job Corps Clerical Training Program: "Our Cause is People," Teacher's Guide, Research Product, October 1971. ED-113 531.

BRAC/Job Corps Clerical Training Program: "Our Cause is People," Student Workbook, Research Product, October 1971. ED-113 531.

FICON: A Study of the Activities of Ordnance Fire-Control Maintenance Personnel in the Field and the Relationship Between These Activities and Training (Department of the Army)

M-33 Systems Troubleshooting Procedures, Staff Memorandum, December 1955.

T-38 Systems Troubleshooting Procedures, Staff Memorandum, December 1955.

M-33 Chassis Troubleshooting Procedures, Staff Memorandum, March 1956.

T-38 Chassis Troubleshooting Procedures, Staff Memorandum, March 1956.

Background Information Concerning Officers, Supply Specialists, and Remote Control Systems Repairmen in Ordnance Detachments (IFC M-33 and IFC T-38), by George H. Brown and Ralph H. Kolstoe, Staff Memorandum, June 1956. AD-A019 937.

FIGHTER: Factors Related to Effectiveness and Ineffectiveness of Individuals in Combat (Department of the Army)

Military Information Test for Infantrymen, Research Product, September 1953.

The Characteristics of Fighters and Non-Fighters. I. Analysis of Intelligence and Personality Scales, by Robert L. Egbert, Victor B. Cline, Tor Meeland, Information Report, March 1954.

Description of Tests and Preliminary Summary of Results on Personality Inventories, by Victor Cline, Tor Meeland, Robert Egbert, Charles Brown, Martin Spickler, and Edward Forgy, Staff Memorandum, April 1954.

Tabular Summary of Results for Intelligence Tests and Personality Inventories (N, M, O,$\mathcal{L}$,P), Staff Memorandum, April 1954.

A Comparison of the Combat Performance of Good and Poor Infantry Squad Leaders, by Morris Showel, Technical Report w/Supplement, September 1954. AD-A951 566. AD-A951 567 (Supplement).

"A Study of the Characteristics of Successful and Unsuccessful Men Working in Situations of Extreme Stress: II. The Testing Program," by Tor Meeland, paper for American Psychological Association, New York, September 1954.

"A Study of the Characteristics of Successful and Unsuccessful Men Working in Situations of Extreme Stress: III. Discussion of Results," by Victor B. Cline, paper for American Psychological Association, New York, September 1954.

Attitudes of Fighters and Non-Fighters Toward the Combat Performance of Infantry Squad Leaders, by Morris Showel, Staff Memorandum w/Supplement, October 1954. AD-A951 568. AD-A951 569 (Supplement).

The Characteristics of Fighters and Non-Fighters: III. An Analysis of Clinical Interview and Life History Data, by Victor Cline, Robert Egbert, Tor Meeland, Edward Forgy, Interim Report, October 1954.

FIGHTER Phase IIA Testing Handbook, Research Product, May 1955.

A Detailed Description of the Test Batteries Used in FIGHTER II, Supplementary Appendices, by Tor Meeland, Staff Memorandum, November 1956.

An Exploration of Field Stress as a Combat Substitute, Report, May 1957.

"Factors in the Recovery from Approach-Avoidance Conflict," by Mitchell M. Berkun, in Journal of Experimental Psychology, vol. 54, 1957.

FIGHTER: continued...

"The Construction and Use of Realistic Three-Dimensional Targets,"
by James L. Berry and Robert G. Kassebaum, March 1958.

"Some Army Normative Data on the 50-Item Form of the Taylor Manifest
Anxiety Scale," by Hugh L. LaMonaca and Mitchell M. Berkun, June 1958.

"Effects of Harassment and Confusion on Performance: A Preliminary
Study," by Robert E. Knox, Hilton M. Bialek, Mitchell Berkun, September
1958.

"A Comparison of Alternative Significance Tests," by Mitchell M. Berkun,
Helen L. Tambellini and Liese Rapozo, paper for Western Psychological
Association, 1958.

Objective Measures of the Effects of Severe Stress, by Mitchell M.
Berkun, Research Product, March 1959.

Some Army Normative Data on the 50-Item Form of the Taylor Manifest
Anxiety Scale, by Hugh LaMonaca and Mitchell M. Berkun, Research
Memorandum, March 1959.

Handbook for HLMR Research May-September 1959, Research Product,
June 1959.

"General Comments on Research on Stress and Motivation," by Mitchell
M. Berkun, February 1961.

"Performance Decrement Under Psychological Stress," by Mitchell M.
Berkun, in Human Factors, February 1964.

"A Checklist for Feelings of Hostility," by Mitchell M. Berkun, Harry
A. Burdick and Thomas M. Woodring, March 1964.

"Confidence Development During Training," by Howard H. McFann and
Richard P. Kern, presentation to U.S. Army Infantry School, Fort
Benning, GA., February 1965.

Human Physiological Reactions Associated with Psychological Stress,
by Mitchell Berkun, Staff Paper, September 1966.   AD-A082 721.

 "Visual Search of Terrain," by Colonel Henry E. Kelly .

<u>FIREPOWER</u>: Methods for Improving Performance in Tank Gunnery
(Department of the Army)

<u>An Evaluation of Conductive Rubber Target Material</u>, by Nicholas B. Louis, Staff Memorandum, July 1956.

<u>An Improved Series of Firing Tables for the Tank Gunner</u>, by Arnold B. Woodruff, Edward A. Stark and Norman Willard, Jr., Research Memorandum, June 1959.

<u>Human Factors Evaluation of the T92, 76mm Gun Tank</u> by J.W. McGinnis and Donald F. Haggard, Jr., Research Memorandum, May 1960.

<u>Target Detection: Study 2, The Comparative Effects of Continuous and Delayed Point-Out During Training in Target Detection</u>," by Peter C. Wolff, Research Memorandum, March 1961.

<u>Target Detection: Study 5, The Effects of Three Levels of Information Feed-Back on Stereoscopic Ranging Proficiency</u>, by Joseph A. Van Loo, Jr., Research Memorandum, 21 pp., March 1961.   AD-A950 117.

<u>Target Detection: Study 1, A Preliminary Investigation of the Trainability of Target Detection and Distance Estimation Skills</u>, by Edward A. Stark, Peter C. Wolff and Donald F. Haggard, Research Memorandum, July 1961.

<u>Target Detection: Study 4, The Effects of Knowledge of Results and Training for Accuracy on the Performance of Stereoscopic Range Finder Operators</u>, by Peter C. Wolff, Research Memorandum, May 1962.

<u>Training Methods for Simulators of Remote Control Human-Guided Missile Systems: 1. A Comparative Evaluation of Component Skill and Total Skill Training Exercises</u>, by Donald F. Haggard, Research Memorandum, July 1962.

<u>Training Methods for Simulators of Remote Control Human-Guided Missile Systems: 2. An Experimental Comparison of Three ATGM Gunner Training Programs</u>, by Donald F. Haggard, Research Memorandum, August 1962.

<u>FLINCH</u>: The Effect of Flinch Upon M1 Rifle Marksmanship (Department of the Army)

<u>The Effect of Flinching Upon M1 Rifle Marksmanship: I. The Reliability of Expert Judgments of Flinching (Pilot Study)</u>, by Eugene F. MacCaslin, Staff Memorandum, August 1953.

<u>The Effect of Flinching on M1 Rifle Marksmanship</u>, by Eugene F. MacCaslin and Leo Levy, Staff Memorandum, March 1955.   AD-477 645.

FLING: Functional Literacy Training Program for the National Guard (Commander, 7th Infantry Division and Fort Ord)

Functional Literacy Training Program for the National Guard, by Lynn C. Fox, Wendy J. McGuire, John N. Joyner (HumRRO); and Major Steven L. Funk (Fort Ord), Final Report FR-WD-CA-76-15, September 1976. AD-A076 263.

FLIT: Development of a Prototype Job-Functional Army Literacy Training Program (Department of the Army)

Research Toward the Design and Development of a Prototype Army Literacy Training Program, by Thomas G. Sticht, James H. James, Lynn C. Fox, and John Caylor, Interim Report IR-D3-71-1, September 1971. AD-A063 747.

HumRRO's Literacy Research for the U.S. Army: Progress and Prospects, by Thomas G. Sticht, John S. Caylor, Lynn C. Fox, Robert N. Hauke, James H. James, Steven S. Snyder, and Richard P. Kern, presentation at Headquarters, U.S. Continental Army Command, Fort Monroe, VA., October 1972; issued as Professional Paper 2-73, January 1973. AD-758 435.

"Research Toward the Design, Development, and Evaluation of a Job-Functional Literacy Training Program for the United States Army," by Thomas G. Sticht, in Literacy Discussion, vol. 4, pp. 339-369, September 1973.

HumRRO's Literacy Research for the U. S. Army: Developing Functional Literacy Training, by Thomas G. Sticht, John S. Caylor, Lynn C. Fox, Robert N. Hauke, James H. James, Steven S. Snyder, and Richard P. Karn, Professional Paper 13-73, December 1973. AD-776 376.

"A Program for Job Related Reading Training," by Lynn C. Fox and Thomas G. Sticht, paper for Nineteenth Perspectives in Reading Conference, New Orleans, LA., April 1974. ED-157 014.

A Program of Army Functional Job Reading Training: Development, Implementation, and Delivery Systems, Final Report FR-WD(CA)-75-7, June 1975. AD-A012 272. ED-116 161.

Job Reading Task Test (includes a Manual, Test Administration Manual and Test Forms A, B. and C), by John S. Caylor and Thomas G. Sticht, Research Product, 1975.

<u>FMC-HFE</u>: Human Factors Engineering Consulting Services to FMC Corporation

"Human Factors and Safety Group," undated.

<u>FMC-IV</u>: Human Factors Consulting Services to FMC Corporation
(FMC Corporation)

<u>Preliminary Safety Hazard Analysis Mine Clearance System Kit for
Adaptation to LVT-7A1 Vehicle</u>, by Clyde H. Tuomela, Interim Report
IR-WD-CA-79-1, 22 pp., April 1979.

<u>FOLLOWTHRU</u>: Characteristics of Men Tested in Work Unit UTILITY
Who Remain in the Army (Department of the Army)

<u>Role of Selection and Growth in Performance of Experienced Men:
Some Evidence from a Study of Four Army Jobs</u>, by Elaine N. Taylor
and Robert Vineberg, Technical Report 73-4, February 1973.

FORECAST: Development of a Method of Forecasting Training Demands Imposed by New Electronic Weapons Systems (Department of the Army)

A Theoretical Approach to Forecasting the Training Demands Imposed by New Army Weapon Systems, by Edgar L. Shriver, Staff Memorandum, December 1956.

"FORECAST: Getting the Maintenance Man Organized," by Edgar L. Shriver, October 1962.

Practical Exercise Problems in Troubleshooting the HIPAR Transmitter, Research Product, 1962.

Practical Exercise Training Equipment: SERGEANT Missile System, Research Product, January 1964; also published by the U. S. Army Ordnance Guided Missile School, Redstone Arsenal, Alabama.

Forecast Troubleshooting Scrambled Text for Operation of LORAN Receiving Set AN/UPN-12, -12A, -15, -15A, Research Product, June 1964. AD-680 590.

Forecast Self-Instructional Troubleshooting Scrambled Manual, Research Product, undated.

Forecast Troubleshooting Manual for LORAN Receiving Set, Research Product, undated. AD-667 381.

FORGE: Factors in Military Organizational Effectiveness (Department of the Army)

"Validity of Role Simulation for the Study of Behavior in Complex Organizations," by Joseph A. Olmstead and Herbert G. Richek, paper for Southeastern Psychological Association, Spring 1970.

The Effects of Command Position Upon Evaluations of Leader Behavior, by Larry L. Lackey, Joseph A. Olmstead, and Harold E. Christensen, Technical Report 72-32, November 1972.   AD-755 506.   ED-070 902.

Factors in Organizational Effectiveness, by Joseph A. Olmstead, paper for Southeastern Psychological Association meeting, Miami, Florida, April 1971; issued as Professional Paper 1-72, January 1972.   AD-743 152.   ED-065 901.

Components of Organizational Competence: Test of a Conceptual Framework, by Joseph A. Olmstead, Harold E. Christensen, and Larry L. Lackey, Technical Report 73-19, August 1973.   AD-767 548.   ED-080 889.

"Leader Performance as Organizational Process: A Study of Organizational Competence," by Joseph A. Olmstead, paper for 2d Biennial Leadership Symposium, Southern Illinois University, Carbondale, Illinois, 1972; published in Contingency Approaches to Leadership, James G. Hunt and Lars L. Larson (eds), Southern Illinois University Press, 1974.

Dr. T. O. Jacobs Discussion of Dr. Olmstead's Paper, "Leader Performance as Organizational Process: A Study of Organizational Competence," in Contingency Approaches to Leadership, James G. Hunt & Lars L. Larson (eds), Southern Illinois University, Carbondale, Illinois, 1972.

FROSH: Course of Instruction in Occupational Safety and Health Administration Standards for Railroad Inspectors (Federal Aviation Administration, Department of Transportation)

Course in Railroad Industrial Safety Standards: Instructor Manual, Student Manual, and Course Schedule, Research Product, August 1974.

GAMBLE: Decision Making in Air Defense Systems Under Conditions
of Risk (U.S. Continental Army Command)

"Risk-Taking Set and Target Detection Performance," by Gary W. Evans,
March 1964.

GAME: Review of Management Gaming for Developing Army Officers in Administrative
and Staff Jobs (U.S. Army Research Institute for the Behavioral and
Social Sciences)

A Catalogue of Business Games for Use in Developing and Assessing Junior Company
Grade Officers, by Joseph A. Olmstead, and B. Leon Elder, Research Product
RP-ED(C)-77-22, October 1977; included in ARI Technical Report TR78-A2, The Use
of Management Games for Developing Army Officers in Administrative and Staff
Jobs, February 1978.   AD-A054 994.   ED-158 019.

The Use of Management Games for Developing Army Officers in Administrative and
Staff Jobs, by Joseph A. Olmstead and B. Leon Elder, Final Report FR-ED(C)-77-23,
October 1977; published by ARI as Technical Report TR78-A2, February 1978.
MS. 2020.   AD-A054 994.   ED-158 019.

GRATT: Analysis of Attitudes of Graduates of Naval Recruit Training
(Chief of Naval Technical Training, Naval Air Station, Memphis
Tennessee)

Analysis of Recuit Attitudes Toward Naval Recruit Training, by T. Owen
Jacobs, Final Report, April 1975.   AD-A060 981

GUARDTRAIN: Development of a Curriculum for Pre-Service Guards at the
Illinois Corrections Training Academy (Illinois Department
of Corrections Training Academy, Chicago, Illinois).

Guard-Train: A Training Curriculum for Illinois Prison Correctional Officers,
by Peter B. Wylie and Ronald E. Kraemer, Final Report FR-D2-74-5, June 1974.

GUNNERY: Conservation of Tank Ammunition Through an Improved Training Method:
Subcaliber Substitution (Department of the Army)

An Evaluation of the Tank Gunnery Program Under Three Degrees of
Specialization, by F. G. McGuigan, Staff Memorandum, May 1952.

"Conservation of Training Ammunition Without Loss in Gunnery Proficiency,"
by Vonne F. Porter, undated.

GUS: Evaluation Plan Development for Reserve Recruiting (U.S. Army
Research Institute for the Behavioral and Social Sciences)

Review of the Army Research Institute Evaluation Plan for USAREC-USAR
Recruiting Program, by Gus C. Lee, Final Report FR-PO-78-2, 50 pp.,
June 1978.

H-3: Low Cost Procedures Trainers for the U.S. Navy H-3 Aircraft: Problem
Analysis (Naval Training Equipment Center)

Letter Report: Project H-3, Report, January 1977

HANDICAP: Education of Handicapped Children in New York State (New York
           State Department of Education)

Report of the New York State Education Department-Human Resources Research
Organization Joint Invitational Conference, by Herbert Gerjuoy, Report,
April 1970; published by New York State Education Department as a Monograph.

HAWKEYE: Methods for Improving Performance of Radar Technicians
          (Department of the Army)

Test Equipment Meters -- TS 505A/U, TS352A/U, AN/PSM6 (Instructor's Guide Lab),
Research Product, 1965.   AD-A021 010

Test Equipment Oscilloscope - AN/USM-50C , Research Product (Two Volumes,
Instructor's Guide and Student Manual), 1965.   AD-A021 0C7 (Instructor's
Guide).   AD-A021 008 (Student Manual).

Operation and Sympton Collection - CWAR AN/MPQ-34, Research Product,
November 1966.

Reading Meter Scales -- Test Equipment Meters - TS 505A/U, Instructor's
Guide, Research Product, November 1966.   AD-A021 144.

Test Equipment Meters -- TS 505A/U, TS 352A/U, AN/PSM 6, Research Product,
1966.   AD-A021 009.

Functional Context Training for HAWK CW Technicians: Results for Class No. 1,
by James P. Rogers and Julia S. Harris, Interim Report, May 1966.

Operation and Symptom Collection - HPIR -AN/MPQ-39, Research Product,
March 1967.   AD-202 861.

HELFIRE: Methods for Improving Training and Performance in Aerial Firepower
          Systems (Department of the Army)

Questionnaire and Interview Data Gathered During HELFIRE II Training
Research, by Peter B. Dawkins, Staff Paper, May 1965.

A View of Armed Helicopter Training, Research Memorandum, undated.

<u>HELPER</u>:   Personnel Structuring Applied to the Health Services System
          (Health Studies Task Force, OASD (M&RA))

<u>Army Dental Corps Projections by Specialty</u>, by Curtis L. Wagner, III and
Pi Wu McCown, Research Product RP-ED-76-8, June 1976.

<u>Navy Dental Corps Projections by Specialty</u>, by Curtis L. Wagner, :I and
Pi Wu McCown, Research Product RP-ED-76-9, June 1976

<u>Air Force Dental Corps Projections by Specialty</u>, by Curtis L. Wagner, III,
and Pi Wu McCown, Research Product RP-ED-76-10, June 1976.

<u>Army Medical Corps Projections by Specialty</u>, by Allan H. Rotman, Curtis
L. Wagner, III, and Pi Wu McCown, Research Product RP-ED-76-21, July 1976.

<u>Navy Medical Corps Projections by Specialty</u>, by Curtis L. Wagner, III,
Allan H. Rotman, and Pi Wu McCown, Research Product RP-ED-76-22, July 1976.

<u>Air Force Medical Corps Projections by Specialty</u>, by Curtis L. Wagner, III,
Allan H. Rotman, Pi Wu McCown, Research Product RP-ED-76-23, July 1976.

<u>User's Manual for Medical and Dental Corps Projection Models</u>, by Curtis L.
Wagner, III and Pi Wu McCown, Research Product RP-ED-76-24, July 1976.

<u>A Sensitivity Analysis of Medical Corps Projections Under Alternative</u>
<u>Assumptions of Graduate Medical Education Programs</u>, by Allan H. Rotman,
and Curtis L. Wagner, III, Research Product RP-ED-76-41, October 1976.

<u>HERCULES</u>:   Ad Hocracy at Jamestown Community College (Jamestown Community
            College, Jamestown, New York)

<u>An Evaluation of Jamestown Community College Project HERCULES: First</u>
<u>Stage Results</u>, by Joseph A. Olmstead and David S. Bushnell, Interim Report
IR-CD(C)-76-3, January 1976.   ED-195 297.

<u>HERO</u>:   A Review of Near-Term and Potential Involvements of Human
         Factors Engineering in the Planning, Design and Use of
         Robots (Human Engineering Laboratory, Department of the Army)

<u>Human Factors Engineering Considerations for the Planning, Design</u>
<u>and Use of Robots</u>, by H McIlvaine Parsons and Greg P. Kearsley,
Final Report, July 1981.

<u>Human Factors and Robotics: Current Status and Future Prospects</u>
by H. McIlvaine Parsons and Greg P. Kearsley, Professional Paper
6-81, 24 pp, October 1981.   ED-206 911.

<u>HIGHLEAD</u>: Training for Leadership at Senior Levels of Command (Department
of the Army)

"Motivation, Management, and Performance," by Joseph A. Olmstead, paper
for Navy Industrial Relations Institute, Washington, D.C., September
1963.   ED-160 932.

"Command Leadership," by Joseph A. Olmstead, paper for Air Command and
Staff College, Air University, Maxwell Air Force Base, Alabama, September
1964.

<u>Leadership at Senior Levels of Command</u>, by Joseph A. Olmstead, Research
Product, 1967, published by the Department of the Army as DA Pamphlet
600-15, October 1968.   AD-660 070.

<u>HILO</u>: An Experimental Study of Habituation to Height at the Mock Tower
(Department of the Army)

"Contributions of Studies with Paratroopers to Theoretical Formulations of
Fear and Stress," by Richard D. Walk, published in <u>Symposium on Motivation</u>,
March 1953.

<u>The Mock Tower Rating System in the Airborne Training Program</u>, by Gerald
Kent, Charles Windle and Howard H. McFann, Staff Memorandum, Feburary
1954.

<u>Preliminary Findings Regarding the Effect of Mock Tower Height</u>, by Charles
Windle, Joseph Ward, Kimball Nedved and Jerome Nathan, Staff Memorandum,
July 1954.

<u>Findings Regarding the Effect of Mock Tower Height (Partial Report)</u>, by
Charles Windle, Joseph Ward, Kimball Nedved and Jerome Nathan, Staff
Memorandum, July 1954.

"The Free Fall: Man's Psychological Conquest in Space," by Oril I. Brown,
December 1954.

<u>HITVAL</u>: Human Factors Influences on Probabilities of Hit by Antiaircraft
Guns (U.S. Army Ballistic Research Laboratories)

<u>A Report of HumRRO Activities in Support of Project HITVAL</u>, by Robert D.
Baldwin, Albert L. Kubala, Robert J. Foskett, and Leo C. Benson, Final
Report RP-WD-TEXAS-75-3, 63 pp., January 1975.   AD-A008 277.

<u>HumRRO Tests, Analyses and Activities</u>, by Robert D. Baldwin, Final Report,
January 1975.

HOOD: Human Factors Research in Military Organizations and Systems
(U.S. Army Research Institute for the Behavioral and Social
Sciences)

Target Presentation Methodology for Tactical Field Evaluation, by Jeffrey
L. Maxey, William H. Ton, William L. Warnick and Albert L. Kubala, Interim
Report, May 1976; published by ARI as Research Problem Review 76-11, October
1976.   AD-A076 648.

Study of Air-To-Ground and Ground-To-Air Target Handoff, by William H. Ton,
William L. Warnick, Albert L. Kubala, and Jeffrey L. Maxey, Interim Report,
May 1976; published by ARI as Research Problem Review 76-10, October 1976.
AD-A076 647.

Study of Psychological (and Associated Physiological) Effects on a Tank Crew
Resulting from Being Buttoned Up, by William L. Warnick, Albert L. Kubala,
Jeffrey L. Maxey and William H. Ton, Interim Report, May 1976; published by
ARI as Research Problem Review 76-13, October 1976.

A Study of the Psychological (and Associated Physiological) Factors to be
Considered When Constructing Field Fortifications, by Albert L. Kubala,
Jeffrey L. Maxey, William H. Ton and William L. Warnick, Interim Report,
May 1976; published by ARI as Research Problem Review 76-12, October 1976.
AD-A076 690.

Problems in Helicopter Gunnery, by Edgar M. Haverland and Jeffrey L. Maxey,
Final Report FR-WD(TX)-77-5, May 1977; published by ARI as Technical Report
78-A36, December 1978.   AD-A064 274.

A Study of Selected Problems in Armor Operations, by William L. Warnick and
Albert L. Kubala, Final Report FR-WD(TX)-77-6, May 1977; published by ARI as
Technical Report 78-A35, November 1978.   AD-A065 838.

The Detection Ranges of Features of Armored Vehicles, by Robert J. Foskett,
Robert D. Baldwin, and Albert L. Kubala, Final Report FR-WD-TX-77-7, May
1977; published by ARI as Technical Report 78-A37, November 1978.

Study of Target Handoff Techniques, by William H. Ton and Albert L. Kubala,
Final Report FR-WD(TX)-77-8, May 1977; published by ARI as Technical Report
78-A34, November 1978.   AD-A064 273.

Problems in Measuring Team Effectiveness, by Albert L. Kubala, paper for
19th Annual Conference of the Military Testing Association, San Antonio,
Texas, October 1977, in Proceedings of the 19th Annual Conference of the
Military Testing Association; also published as Professional Paper 2-78,
January 1978.   AD-A049 560.

Fatigue Effects from Wearing the AN/PVS-5 Night Vision Goggles, by Garvin D.
Chastain, William H. Ton and Albert L. Kubala, Final REport FR-WD-TX-78-3,
88 pp., May 1978; published by ARI as Technical Report 79-A16, May 1979.
AD-A077 519.

Further Study of Target Handoff Techniques, by William H. Ton, Peter W. Hemingway and Garvin D. Chastain, Final Report FR-WD-TX-78-5, May 1978; published by ARI as Technical Report 79-A12, May 1979. AD-A077 850.

A Review of Selected Literature on Stresses Affecting Soldiers in Combat by Albert L. Kubala and William L. Warnick, Final Report FR-WD-TX-78-6, May 1978; published by ARI as Technical Report 79-A14, May 1979. AD-A071 115.

Long Range Target Recognition and Identification of Camouflaged Armored Vehicles, by William L. Warnick, Garvin D. Chastain and William H. Ton, Final Report FR-WD-TX-78-7, May 1978; published by ARI as Technical Report 79-A13, May 1979. AD-A077 862.

Study of Symbology for Automated Graphic Displays by Peter W. Hemingway, Albert L. Kubala and Garvin D. Chastain, Final Report FR-WD-TX-78-8, May 1978; published by ARI as Technical Report 79-A18, May 1979. AD-A076 916.

Development of a Photo Montage Technique for Simulation of Tactical Situations, by Robert J. Foskett and William H. Ton, Final Report FR-WD-TX-78-9, May 1978; published by ARI as Technical Report 387, July 1979. AD-A079 032.

Final Report: Human Factors Research in Military Organizations and Systems, by Albert L. Kubala, Final Report FR-WD-TX-78-10, May 1978; published by ARI as Technical Report 79-A15. AD-A077 339.

A Further Look at the Prediction of Weapons Effectiveness in Suppressive Fire by Albert L. Kubala and William L. Warnick, Final Report FR-WD-TX-78-14, May 1978; published by ARI as Technical Report 79-A19, May 1979. AD-A071 116.

Statistical Analysis of Fort Hood Quality-of-Life Questionnaire by Burl B. Gray and Kay Rigg, Research Product FR-WD-CA(TX)-78-21, October 1978; published by ARI as Research Memorandum 78-25, October 1978. AD-A077 972.

Military Organizations and Systems: Human Factors Research Projects, by Albert L. Kubala, Final Report FR-WD(TX)-77-9, November 1978; published by ARI as Technical Report 78-A13. AD-A068 044.

Studies in Long Range Target Identification, by William L. Warnick and Albert L. Kubala, Final Report FR-WD-TX-78-16, December 1978; published by ARI as Research Report 1216, July 1979. AD-A073 860.

A Comparison of Speed and Accuracy of Interpretation of Two Tactical Symbologies, by Peter W. Hemingway and Albert L. Kubala, Final Report FR-WD-TX-78-17, December 1978; published by ARI as Technical Report 389, July 1979. AD-A075 428.

HOOD: continued...

Effects of Fatigue from Wearing the AN/PVS-5 Night Vision Goggles on Skills
Involved in Helicopter Operations, by Garvin D. Chastain and Albert L. Kubala,
Final Report FR-WD-TX-78-18, December 1978; published by ARI as Research
Report 1217, July 1979.   AD-A075 426.

A Technique for Producing Realistic Photographs of Tactical Scenes Employing
Model Vehicles, by Robert J. Foskett, Final Report FR-WD-TX-78-19, December
1978; published by ARI as Research Note 79-9, December 1978.   AD-A069 243.

Reading Ability and Other Correlates of the SQT Written Component, by Elmo
E. Miller, Charles O. Nystrom (ARI Field Unit, Ft. Hood), and John A. Hicks
III (Bell Laboratories, Final Report FR-MTRD(TX)-80-1, March 1980. (Revised
November 1981).

Research on the Improvement of Helicopter Aircrew Performance, by Albert L.
Kubala, William L. Warnick and Stephen S. Essig, Final Report FR-MTRD(TX)-80-2,
March 1980.

Testing and Training Methods for Skill Qualification Testing, by Elmo E. Miller,
Final Report FR-MTRD(TX)-80-3, March 1980. (Revised November 1981).

Improvement of Training Realism for Tactical Units: Opposing Force (OPFOR)
Program, by William L. Warnick and Albert L. Kubala. Final Report
FR-MTRD(TX)-80-4, March 1980. (Revised November 1981).

A Comparison of Two Proposed Tactical Symbologies with the Army's Current
Symbols, by Albert L. Kubala, Paul T. Marston and Stephen S. Essig,
Final Report FR-MTRD (TX)-80-5, March 1980.

Development of the COMMANDER"S UNIT ANALYSIS PROFILE: A Leadership Tool
for the Small Military Unit, by Eugene H. Drucker, Albert L. Kubala, and
Paul T. Marston; Richard L. Palmer (ARI, Fort Hood), Final Report
FR-MTRD-TX-80-7, July 1980.

Final Report: Human Factors and Training Research in Military Organization
and Systems, by Albert L. Kubala, Final Report FR-MTRD-TX-80-8, July 1980.

Design of Soldiers' Manuals: A Preliminary Report, by Elmo E. Miller, Working
Paper. July 1980.

"Some Facts and Problems Concerning Human Capability to Detect and Identify
Targets," by Albert L. Kubala and William L. Warnick, paper for Conference
on Recognition and Identification, Fort Leavenworth, Kansas, November 1980.

The Impact of Adopting Physical Fitness Standards on Army Personnel Assignment:
A Preliminary Study, by Paul T. Marston, Albert L. Kubala, and Alfred J. Kraemer,
Final Report FR-MTRD(TX)-80-6, January 1981.

HOOD: continued...

Restructuring of MOS Tasks to Reduce Personnel Shortages in Critical High Aptitude MOS: An Analysis of Physical Demand Requirements of Critical MOS, by Paul T. Marston, Final Report FR-MTRD(TX)-81-8, February 1981.

How to Develop Task Summaries for Soldier's Manuals. Volume 1: Technical Report, by Elmo E. Miller, Final Report FR-MTRD(TX)-81-9, February 1981.

How to Develop Task Summaries for Soldier's Manuals. Volume 2: Developer's Guide, by Elmo E. Miller, Final Report FR-MTRD(TX)-81-9, February 1981.

Battlefield Realism: The Impact of Opposing Force (OPFOR) on Friendly Force Task Performance with Implications for the National Training Center. Volume 1: Discussion and Findings, by William L. Warnick (HumRRO) and Norman D. Smith (ARI Field Unit, Ft. Hood), Final Report FR-MTRD(TX)-81-11, February 1981.

Battlefield Realism: The Impact of Opposing Force (OPFOR) on Friendly Force Task Performance with Implications for the National Training Center. Volume 2: OPFOR Lessons Learned, by William L. Warnick (HumRRO) and Norman D. Smith (ARI Field Unit, Fort Hood), Final Report FR-MTRD(TX)-81-11, February 1981.

Human Factors Considerations in the Battlefield Exploitation and Target Acquisition (BETA) System: A Preliminary Evaluation, by Paul T. Marston, Albert L. Kubala, and Robert G. Cooper, Final Report FR-MTRD(TX)-81-12, February 1981.

"Relevance, Directness, and Sufficiency of Printed Instructions," by Elmo E. Miller and Robert G. Cooper, paper for American Educational Research Association, Los Angeles, CA., April 1981.

CVI - Combat Vehicle Identification Training Program. Research Product, undated.

<u>IDA:</u> Computer Interactive Author Aiding (U.S. Army Research Institute for the
Behavioral and Social Sciences)

<u>Job Aid For Selecting Tasks For Training</u>, by Russel E. Schulz, Research Product,
69 pp., September 1978.

<u>Job-Aids: Descriptive Authoring Flowcharts - ISD 1.2 Select Tasks for Training</u>,
Research Product, October 1978;included in ARI Research Product 80-13, <u>Job
Aids: Descriptive Authoring Flowcharts for Phase I - ANALYZE of the Instructional
Systems Development.</u> AD-A088 918.

<u>Job Aids: Descriptive Authoring Flowcharts - ISD 1.3 Conduct Task Analysis</u>,
Research Product, October 1978; included in ARI Research Product 80-13, <u>Job
Aids: Descriptive Authoring Flowcharts for Phase I - ANALYZE of the Instructional
Systems Development Model</u>, May 1980. AD-A088 918.

<u>Job Aids: Descriptive Authoring Flowcharts - ISD 1.4 Analyze Existing Courses</u>,
Research Product, October 1978; included in ARI Research Product 80-13, <u>Job
Aids: Descriptive Authoring Flowcharts for Phase I - ANALYZE of the Instructional
Systems Development Model</u>, May 1980. AD-A088 918.

<u>Job Aids: Descriptive Authoring Flowcharts - ISD 1.5 Select Instructional
Setting</u>, Research Product, October 1978; included in ARI Research Product 80-13,
<u>Job Aids: Descriptive Authoring Flowcharts for Phase I - ANALYZE of the Instructional
Systems Development Model</u>, May 1980. AD-A088 918.

<u>Job Aids: Descriptive Authoring Flowcharts ISD III.3 Review/Select Existing
Material</u>, Research Product, October 1978; included in ARI Research Product
80-17, <u>Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP
of the Instructional Systems Development Model</u>, May 1980. AD-A088 921.

<u>Job Aids: Descriptive Authoring Flowcharts ISD III.5 Validating Instruction</u>,
Research Product, October 1978; included in ARI Research Product 80-17,
<u>Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the
Instructional Systems Development Model</u>, May 1980. AD-A088 921.

<u>Job Aid for Validating Instruction</u>, by Russel E. Schulz, Research Product,
58 pp., October 1978.

<u>Job Aid for Conducting Task Analysis</u>, by Russel E. Schulz, Research Product,
92 pp., October 1978.

<u>Job Aid for Analyzing Existing Courses</u>, by Russel E. Schulz, Research Product,
56 pp., October 1978.

<u>Job Aid for Selecting Instructional Settings</u>, by Russel E. Schulz, Research
Product, 71 pp., October 1978.

<u>Job Aid for Review and Selection of Existing Material</u>, by Russel E. Schulz,
Research Product, 48 pp., October 1978.

IDA: continued...

Job Aid for Developing Objectives, by Russel E. Schulz, Research Product, 80 pp., December 1978.

Job Aids: Descriptive Authoring Flowcharts ISD II.I Develop Objectives, Research Product, December 1978; included in ARI Research Product 80-15, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 417.

Introduction to the Use of Job Aids and Job Aid Resource Manual, Research Product, 1978; included in ARI Research Product 80-17, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 417.

Job Aid for Specifying Instructional Management Plan and Delivery System ISD III.2, Research Product, January 1979; included in ARI Research Product 80-18, Job Aid Manuals for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 922.

Job Aids: Descriptive Authoring Flowcharts ISD III.2 Specify Instructional Management Plan and Delivery System, Research Product, January 1979; included in ARI Research Product 80-17, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 921.

Job Aids: Descriptive Authoring Flowcharts ISD II.2 Develop Tests, Research Product, June 1979; included in ARI Research Product 80-15, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 417.

Job Aid For Describing Entry Behavior ISD II.3, Research Product, June 1979.

Job Aids: Descriptive Authoring Flowcharts ISD II.3 Describe Entry Behavior, Research Product, June 1979; included in ARI Research Product 80-15, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 417.

Job Aids: Descriptive Authoring Flowcharts ISD II.4 Determine Sequence and Structure, Research Product, June 1979; included in ARI Research Product 80-15, Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the Instructional Systems Development Model, May 1980. AD-A088 417.

"HumRRO Job Aids for Use in Implementaion of the Instructional Systems Development (ISD) Model (TRADOC Pamphlet 350-30)" by Russel E. Schulz, paper for Soft Skills Analysis Seminar, U. S. Army Training Development Institute, Newport News, VA., August 1979.

Job Aid for Determine Sequence and Structure, ISD II.4, by Russel E. Schulz, Research Product, 50 pp., September 1979.

IDA: continued...

Job Aid for Develop Instruction ISD III.4, Research Product, September 1979;
included in ARI Research Product, Job Aid Manuals for Phase III - DEVELOP
of the Instructional Systems Development Model, May 1980.   AD-A088 922.

Job Aids: Descriptive Authoring Flowcharts ISD III.4 Develop Instruction,
Research Product, September 1979; included in ARI Research Product 80-17,
Job Aids: Descriptive Authoring Flowcharts for Phase III - DEVELOP of the
Instructional Systems Development Model, May 1980.   AD-A088 921.

Supplemental Guide: Sources Information for On-Line Implementation of ISD
1.5 Select Instructional Setting, by Russel E. Schulz, Research Product
RP-ED-79-9, 27 pp., December 1979.

Programming Design Guide for Computer Implementation of Job Aid for Selecting
Instructional Settings, by Russel E. Schulz, William G. Underhill and Carol
S. Hargan, Research Product RP-ED-79-10, 146 pp., Defember 1979.

Job Aid for Specifying Learning Events/Activities ISD III.1, Research Product,
December 1979; included in ARI Research Product 80-18, Job Aid Manuals for
Phase III - DEVELOP of the Instructional Systems Development Model, May 1980.
AD-A088 922.

Job Aids: Descriptive Authoring Flowcharts - ISD III.1 Specify Learning
Events/Activities, Research Product, December 1979; included in ARI Research
Product 80-17, Job Aids: Descriptive Authoring Flowcharts for Phase III -
DEVELOP of the Instructional Systems Development Model, May 1980.   AD-A088 921.

Job Aid for Review and Selection of Existing Materials ISD III.3, Research
Product, 1979; included in ARI Research Product 80-18, Job Aid Manuals
for Phase III - DEVELOP of the Instructional Systems Development Model, May
1980.   AD-A088 922.

Job Aid for Validating Instruction ISD III.5, Research Product, 1979; included
in ARI Research Product 80-19, Job Aid Manuals for Phase III - DEVELOP of the
Instructional Systems Development Model, May 1980.   AD-A088 922.

"Computer Aids for Developing Tests and Instruction," by Russel E. Schulz,
Chapter 2 in Procedures for Instructional System Development, Academic
Press, Inc., 1979.

IDA: continued...

Computer Interactive Author Aiding: Development of Programming Design
Guides, by Russel E. Schulz, William G. Underhill, Carol S. Hargan, and
Harold Wagner, Final Report FR-ETSD-80-0, 23 pp., June 1980.

Job Aid for Conducting Instruction, by Russel E. Schulz, Research Product,
23 pp., December 1980.

Job Aid for Conducting Internal Evaluation, by Russel E. Schulz, Research
Product, 208 pp., December 1980.

Job Aid for Conducting External Evaluation, by Russel E. Schulz, Research
Product, 43 pp., December 1980.

Job Aid for Revising System, by Russel E. Schulz, Research Product, 56 pp.,
December 1980.

Job Aids: Descriptive Authoring Flowcharts ISD V.3 Revise System, by Russel
E. Schulz, Research Product, 9 pp., December 1980.

Job Aid for Implementing Instructional Management Plan ISD IV.1, by Russel
E. Schulz, Research Product, 24 pp., December 1980.

Job Aids: Descriptive Authoring Flowcharts ISD IV. 1 Implement Instructional
Management Plan, by Russel E. Schulz, Research Product, 10 pp., December 1980.

Job Aids: Descriptive Authoring Flowcharts - ISD V. 1 Conduct Internal
Evaluation, by Russel E. Schulz, Research Product, 24 pp., December 1980.

Job Aids: Descriptive Authoring Flowcharts ISD V.2 Conduct External
Evaluation, by Russel E. Schulz, Research Product, 11 pp., December 1980.

Job Aids: Descriptive Authoring Flowcharts ISD IV.2 Conduct Instruction,
by Russel E. Schulz, Research Product, 9 pp., December 1980.

Job Aids: Descriptive Authoring Flowcharts for Phase II - Design of the
Instructional Systems Development Model, Research Product, 1980; published
by ARI as Research Product 80-15.   AD-A088 417.

Development of Job Aids for Instructional Systems Development, by Russel
E. Schulz and Harold Wagner, Final Report FR-ETSD-81-2, 155 pp., February
1981.

IDENTIFY: Identification of the Individual Differences Involved in Human
Mine Detection (U. S. Army Mobility Equipment Research and
Development Center)

Validation of the Potential Characteristics, Aptitudes and Acquired Skills
Involved in Human Mine Detection, by Jeffery L. Maxey, Theodore R. Powers,
and George J. Magner, Interim Report IR-D4-73-5, May 1973.

Identification of the Potential Characteristics, Aptitudes and Acquired
Skills Involved in Human Detection of Mines, by Jeffery L. Maxey, Theodore
R. Powers, T. Owen Jacobs, and George J. Magner, Technical Report 73-18,
August 1973.   AD-769 780.

Identification and Assessment of the Human Mine Detection Factors in Built-Up
Areas, by Jeffery L. Maxey, Theodore R. Powers and George J. Magner, Interim
Report IR-D4-74-3, January 1974.

Identification of the Potential Characteristics, Aptitudes, and Acquired
Skills Involved in Human Detection of Mines: Reanalysis and Extension of
Concepts, by T. Owen Jacobs, Interim Report IR-D4-74-5, January 1974.

Testing, Evaluation, and Validation of a Film Simulator for Human Mine
Detection, by Jeffery L. Maxey, Theodore R. Powers and George J. Magner,
Interim Report IR-D4-74-9, March 1974.

Investigations of the Human Factors Involved in Mine Detection in Varying
Operational Environments, by Jeffery L. Maxey, Theodore R. Powers, T. O.
Jacobs, and George J. Magner, Technical Report 74-18, August 1974.   AD-784 201.

IDOC-II: Identification of Test Doctrine for Cost/Effective Qualification of
Tank Crews (U.S. Army Research Institute for the Behavioral and
Social Sciences)

Target Threat Study, by John A. Boldovici, Interim Summary, February 1976,
(Subcontractor: American Institutes for Research).

Selecting Items for a Tank Gunnery Test, by John A. Boldovici, William C.
Osborn, Ronald E. Kraemer and Jack R. Reeves, Interim Report IR-CO(L)-76-1,
May 1976. (Subcontractor: American Institutes for Research).

<u>IMAGES</u>: Feasibility Study Comparing Alternative Combinations of
Microprocessors and Special Purpose Hardware Required
to Implement the Image Generation Function for the HumRRO
CHARGE Terminal System (IBM, Canada, Ltd.)

<u>Feasibility Study Comparing Alternative Combinations of Microprocessors and</u>
<u>Special Purpose Hardware Required to Implement the Image Generation Function</u>
<u>for the HumRRO CHARGE Terminal System</u>, by Ronald J. Swallow, Roger Gunwaldsen
and William Underhill, Final Report, January 1975.

<u>IMPACT</u>: Prototypes of Computerized Training for Army Personnel
(Department of the Army)

<u>Project IMPACT: Development of Prototypes for Computer-Administered</u>
<u>Instruction</u>, by Robert J. Seidel and Felix F. Kopstein, Technical
Development Plan, December 1966.

"Project IMPACT Briefing," by Robert J. Seidel and Felix F. Kopstein,
presentation to the Assistant Secretary of Defense (Manpower), Washington,
D.C., February 1967.

"Instructional Model Prototypes Attainable in Computerized Training (IMPACT):
A Total System Approach," by Robert J. Seidel, paper for Department of
Audio-Visual Instruction Convention, Houston, Texas, March 1968.

<u>Project IMPACT</u>, Research Product (Filmscript and Film), June 1968.

"Visibility of Language Structures in a CAI Application," by Roy M. Proctor
and Malcolm H. Gotterer (Pennsylvania State University), paper for Fall
Joint Computer Conference, San Francisco, CA., December 1968.

"Digraph Theory and the Organization of Subject Matter," by Felix F.
Kopstein, Richard D. Rosenblatt and Robert J. Seidel, 1968.

"Computers and Instruction at HumRRO," by Felix F. Kopstein, <u>Educational</u>
<u>Technology</u>, vol. 9, no. 7, pp 25-26, July 1969.

"The Role of the Author in CAI Systems," by Sarah See, paper for Association
for Development of Instructional Systems Conference, Edmonton, Alberta,
Canada, August 1969.

"Zeus and IMPACT CAI," by Jean Garneau, paper for Association for Development
of Instructional Systems Conference, Edmonton, Alberta, Canada, August
1969.

IMPACT: continued. . .

"Theories and Strategies Related to Measurement in Individualized Instruction,"
by Robert J. Seidel, paper for American Psychological Association, Miami,
Florida, September 1970; issued as Professional Paper 2-71, March 1971.
ED-057 077.

Software Documentation Series. Project IMPACT -- Computer-Administered In-
struction: Functions for the COURSEWRITER III Language, Research Product
RP-D1-71-2, June 1971.   AD-733 953.

Project IMPACT -- Computer-Administered Instruction: Preparing and Managing
the Content of Instruction, IMPACT Text-Handling Subsystem, Technical
Report 71-21, September 1971.   AD-732 863.   ED-055 450.

"Project IMPACT Status Report," by Robert J. Seidel, Felix F. Kopstein, briefing
for USCONARC Training Conference, Fort Gordon, Georgia, October 1971.

"Psychology and/or Cybernetics as Basis for Instructional Strategy," by
Felix F. Kopstein and Robert J. Seidel, paper for American Educational
Research Association, Minneapolis, Minnesota, March 1970; issued as
Professional Paper 22-71, November 1971.   AD-735 053.   ED-058 726.

"Informal Education with Instructional Systems?" by Felix F. Kopstein and
Robert J. Seidel, Educational Technology, January 1972.

"Computers in Training: Review of the Status of Project IMPACT," by
Robert J. Seidel, March 1972.

Chronology of Project IMPACT Proponency in CAI. Volume 1: A Systems
Concept Paper. Volume II: Review of Headquarters CONARC Task Group
Report, Computer Assisted Instruction, April 1972, Report, May 1972.

"Current Status of Computer-Administered Instruction Work Under
Project IMPACT," by Robert J. Seidel, presentation to Headquarters,
U.S. Continental Army Command, Fort Monroe, Virginia, October 1971;
issued as Professional Paper 18-72, July 1972.   AD-752 099.   ED-067 842.

Project IMPACT Software Documentation: II. The IMPACT Data Evaluation
System -- Version 2 (IDES-2), by Leslie Willis and John Stelzer, Research
Product RP-D1-72-1, August 1972.   AD-753 948.

Project IMPACT Software Documentation: III. IMPACT'S Data Evaluation
System -- Version I (IDES-1), by John Stelzer and Leslie Willis, Research
Product RP-D1-72-2, August 1972.   AD-753 949.

Project IMPACT Software Documentation: IV. The Interface Subsystem Frame-
work for Instructional Decision Modeling, by William Underhill and John
Stelzer, Research Product RP-D1-72-3, August 1972.   AD-753 950.

IMPACT: continued...

Project IMPACT Software Documentation: V. File Activity Control System
(FACS), by Leslie Willis and John Stelzer, Research Product RP-D1-72-4,
August 1972.   AD-753 951.

Project IMPACT Software Documentaion: VI. Volume 1, ZEUS Functions and
Design Concepts, by Jean Garneau and John Stelzer, Research Product
RP-D1-72-5, August 1972.   AD-753 952.

Project IMPACT Software Documentation: VI. Volume 2, ZEUS Program Logic
Descriptions, by Jean Garneau, William Underhill and Doris Shuford,
Research Product RP-D1-72-5, August 1972.   AD-A055 023.

Project IMPACT Software Documentation: VII. IMPACT'S Computer-Administered
Instruction Software Subsystem, COURSEWRITER III, and its Functions, by Doris
Shuford and John Stelzer, Research Product RP-D1-72-6, August 1972.
AD-753 953.

Project IMPACT Software Documentation: VIII. Computer-Administered
Instruction Computer Program Logic for COBOL2 Course of Instruction,
by Douglas Spencer, Elizabeth Sowell, Lesle Willis and Jean Garneau,
Research Product RP-D1-72-7, August 1972.   AD-762 445.

Project IMPACT Software Documentation: Overview of the Computer-
Administered Instruction Subsystem, by John Stelzer and Jean Garneau,
Technical Report 72-21, August 1972.   AD-751 776.   ED-067 883.

"Computers in Training: Review of the Status of Project IMPACT," by
Robert J. Seidel, 1972.

"Elementary Logic, Polish Notation (ELOP)· An Example of a Small CAI
Course," by Edward H. Kingsley and Hans-Peter Frei, March 1973.

Project IMPACT Courseware Subsystem: Volume 1, Innovative Procedures
for Development and Administration, by Michael J. Hillelsohn, Technical
Report 74-1, February 197..   AD-776 380.   ED-127 969.

An Axiomatic Theory of Subject Matter Structure, by Edward H. Kingsley
and John Stelzer, Technical Report 74-14, June 1974.   AD-782 193.
ED-126 080.

IMPRESS: Improving Assessment Criteria and Counseling Methods
            (Department of the Army)

Research on Assessment Criteria and Counseling Methods, by James A.
Salter and Joseph A. Olmstead, Technical Report 74-25, December 1974.
AD-BC11 709.

INDEX: The Development of an Index of Veridical Inference (Eastern Division)
          (ORD Life Sciences)

Observation, Inference and Cognitive Structure, by Richard J. Orend,
Special Report SR-ED-75-23, August 1975 .   AD-A073 156.

Developing Measures and Predictors of Observation and Inference Abilities,
by Richard J. Orend, Richard D. Rosenblatt, Marsha J. Michaels, Myron A.
Rimm, and Stephanie J. Cormier, Final Report FR-ED-76-7, May 1976.   AD-A102 572.

INGROUP: Small-Group Instructional Methods for Military Training (Department
           of the Army)

Handbook of Small-Group Methods of Instruction, by Joseph A. Olmstead,
Research Product RP-D4-71-27, May 1972.   AD-741 829.   ED-094 137.

Small-Group Instruction: Theory and Practice," by Joseph A. Olmstead,
Paperback, 1974.

"Small Group Methods of Instruction," by Joseph A. Olmstead, in Handbook
on Contemporary Education, S. E. Goodman (ed), R. R. Bowker Company,
New York, 1976.

INQUIRY: On-Line Authoring Aids for Instructional Design
           (U.S. Army Research Institute for the Behavioral and Social
           Sciences)

Interim Report and Guide to the Use of Flowcharts, by Nancy Hibbits, Harold
Wagner and Russel Schulz, Interim Report IR-ED-76-48, November 1976.

On-Line Authoring Aids for Instructional Design, by Russel Schulz, Nancy
Hibbits, Harold Wagner and Robert J. Seidel, Final Report FR-ED-77-24,
October 1977; published by ARI as Technical Report 387, July 1979.   AD-A075 566.

"Computer Aids for Developing Tests and Instruction," by Russel E. Schulz,
Chapter 2 in Procedures for Instructional Systems, Harold F. O'Neil, Jr. (ed.),
Academic Press, New York, 1979.

INTACT: Integrated Contact/Instrument Training (Department of the Army)

A New Task for Integrated Instrument-Contact Training (Fixed and Rotary Wing, by George D. Greer, Jr., Staff Paper, November 1957.

Flight Syllabus of Instruction Quality Control Experiment USAPHS 15 July 1960, Research Product, July 1960,

Primary Fixed Wing Contact and Instrument Flight Manual, Research Product, November 1960.

Primary Fixed Wing Contact and Instrument Flight Manual, Cessna 180, Research Product, November 1960.   (Prepared jointly by HumRRO and United States Army Aviation School, Fort Rucker, Alabama).

Pilot Performance Description Records, Research Product, 1960.

Integrated Contact/Instrument Flight Training, Fixed Wing Primary, Research Product, January 1961.

INTER-BAN: How To Chair Effective Meetings (The World Bank)

Evaluation of "How to Conduct Effective Meetings: A Demonstration Workshop for The World Bank," by John P. Fry, Consulting Report CR-75-15, June 1975.

How to Chair Effective Meetings: A Guide to Group Problem Solving, by John P. Fry and David S. Bushnell, Research Product, 1975.

INTERFACE: Simulation and Training Methods for Maintenance and Operation of
Advanced Military Electronics Systems (Department of the Army)

System Analysis of Practical Exercise Instruction, by Elmo E. Miller,
Interim Report IR-D5-73-1, April 1973.   AD-A107 982.

"Effective Low-Cost Simulation," by Elmo E. Miller, paper for Sixth NTEC/
Industry Conference, Orlando, Florida, November 1973; also in Proceedings
of Conference: Man--The Focus of the Training System, NAVTRAEQUIPCEN IH-226.

Designing Printed Materials: Content and Format, by Elmo E. Miller, Research
Product RP-WD(TX)-75-4, December 1974; issued as Paperback, Designing Printed
Instructional Materials: Content and Format, October 1975. AD-A052 761.

INTERSQUAD: A Study of the Factors Which Account for the Differences
Between Effective and Ineffective Rifle Squads (Department
of the Army)

Squad Leadership While on Patrol, by Morris Showel, Technical Report, May
1954.

Integration of Korean Soldiers into American Rifle Squads, by Joseph N.
Ruocco, Staff Memorandum, June 1954.

A Description of Combat Rifle Squads on the Korean MLR During the Winter
of 1952-53, by Rodney A. Clark and Martha B. Myers, Technical Report No.
7, 63 pp., June 1954. AD-A068 260.

ISD: A Study of Applications, Products, and Outcomes of Instructional Systems
Development (ISD) in the Armed Forces (Office of the Assistant Secretary
of Defense Manpower, Reserve Affairs and Logistics)

Instructional System Development (ISD) in the Armed Services: Methodology
and Application, by Robert Vineberg and John N. Joyner, Technical Report
80-1, 123 pp., January 1980. AD-A080 347.

ITRO: Inservice Training Evaluation Analysis (Battelle-Columbus Laboratories/
U.S. Army Training and Doctrine Command)

External Evaluation of School Training: An Overview of the Military
Services, by William C. Osborn, Report, 16 pp., December 1980.

JACK: Project 100,000: Development of Comprehensive Test for Signal
       Terminal Operators (Department of the Army)

Work Unit JACK: Final Report, by Robert C. Trexler and Patrick J. Butler,
Staff Paper, October 1968.   AD-A065 529.

JOBGOAL: Improved On-The-Job Training for Logistics Personnel
          (Deputy Chief of Staff for Logistics, Department of
          the Army)

Methods for Identifying On-the-Job Training Content When Surrogate
Jobs are Used for Training, by Robert C. Trexler and Patrick J. Butler,
Technical Report 73-22, October 1973.   AD-769 639.   ED-083 391.

JOBS: Development of Training Curricula for the Job-Oriented Basic Skills
       Program (Northrop Services, Inc.)

Training Requirement Analysis and Objectives Report for the Administrative/
Clerical Strand, Research Product, August 1979.

Procedures and Rationale for the Design of the Operations Strand Diagnostic/
Evaluation Test, Research Product, August 1979.

The Development and Evaluation of Four Job-Oriented Basic Skills (JOBS)
Programs, by Susan R. Harding, Beth Mogford, William H. Melching and
Morris Showel, Final Technical Report, September 1980.

Manual of Instructions for Administering and Scoring the Operations Strand
Diagnostic/Evaluation Test, Research Product, undated.

JOBTEST: Proficiency Measurement Techniques (Department of the Army)

"An Approach to the Classification and Evaluation of Job Performance
Measures," by John D. Engel, paper for Military Testing Association,
French Lick, Indiana, September 1970.

<u>JOBTRAIN</u>: Development of a Method for Building Training Programs for
Signal Corps Electronics Repairmen (Department of the Army)

<u>Training Research on Problems in On-the-Job Training</u>, by Arthur J. Hoehn,
Staff Paper, November 1957.

<u>Report of Conference on Operational Context Training in Individual Technical
Skills</u>, Arthur J. Hoehn (ed)., June 1958.

"Why the JOBTRAIN Approach?," by Arthur J. Hoehn, December 1958.

<u>The Development of Training Programs for First Enlistment Electronics Main-
tenance MOS's: Development of Training Objectives for the JOBTRAIN Experi-
mental Field Carrier Equipment Repair Course (MOS 294)</u>, by Arthur J. Hoehn
and Andrew H. McClure, October 1959.

"Development of a System for Training Electronics Equipment Repairmen,"
by Arthur J. Hoehn, February 1961.

"JOBTRAIN IV: Progress Briefing," by Richard M. Gebhard, October 1962.

<u>Development and Limited Test of an Experimental Training Program on the
Repair of Selected Field Carrier Equipments</u>, by Gloria Kamenske, Research
Memorandum, January 1963.

"Operational Context Training in Individual Technical Skills," by William
A. McClelland, Arthur J. Hoehn, Myron Woolman and Robert Glaser, presentations
to Conference on Operational Context Training, Washington, D.C., June 1958;
issued as Professional Paper 35-69, December 1969. AD-703 515. ED-041 233.

"Orientation of the Conference," by William A. McClelland, presentation to
Conference on Operational Context Training, Washington, D.C., June 1958;
included in Professional Paper 35-69, <u>Operational Context Training in
Individual Technical Skills</u>, December 1969. AD-703 515. ED-041 233.

"Operational Context Training: Its Meaning and Potential," by Arthur J.
Hoehn, presentation to Conference on Operational Context Training, Washington,
D.C., June 1958; included in Professional Paper 35-69, <u>Operational Context
Training in Individual Technical Skills</u>, December 1969. AD-703 515.
ED-041 233.

"Operational Context Training for Nike Operators," by Myron Woolman, pre-
sentation to Conference on Operational Context Training, Washington, D.C.,
June 1958; included in Professional Paper 35-69, <u>Operational Context Training
in Individual Technical Skills</u>, December 1969. AD-703 515. ED-041 233.

"Training in an Operational Context," by Robert Glaser, presentation to
Conference on Operational Context Raining, Washington, D.C., June 1958;
included in Professional Paper 35-69, <u>Operational Context Training in
Individual Technical Skills</u>, December 1969. AD-703 515. ED-041 233.

"The Trouble With Troubleshooting," by Richard Gebhard, <u>Training in Business
and Industry</u>, vol. 10, no. 4, April 1973.

JUMPBOOT: An Investigation Into Causes and Methods of Overcoming Attrition in
           the Army Airborne Training Program (Department of the Army)

"Contributions of Studies with Paratroopers to Theoretical Formulations
of Fear and Stress," by Richard D. Walk, report to Panel on Human Relations
and Morale, Committee on Human Resources, Research and Development Board,
March 1953.

A Modified Use of the Person Check List for Research on Airborne Training,
by Richard D. Walk, Staff Memorandum, June 1953.

The Relation Between Introspective Fear Scores and Performance on the Mock
Tower During Airborne Training, by Richard D. Walk, Staff Memorandum,
June 1953.

 A Survey of the Physical Training Program of the Basic Airborne Training
Course, Information Report, October 1953.

JUMPRATING: A Study of the Reliability and Validity of the Jump Rating
             Procedure Developed by the Airborne Department (Department of
             the Army)

The Mock Tower Rating System in the Airborne Training Program, by Gerald
Kent, Charles Windle, and Howard H. McFann, Staff Memorandum, February
1954.   AD-A057 162.

KAZPO: A Study of the Vulnerabilities of the Kazakh Population (Department
        of the Army)

Trouble in Kazakhstan, by Virginia Heyer, Information Report, March
1954. (CONFIDENTIAL). AD-C003 547.

The Military Leaders of Selected Countries, by Pio D. Uliassi, Information
Report (in four volumes), November 1954.

Satellite Generals: A Study of Military Elites in Eastern Europe, by Pio
D. Uliassi, Report, July 1955.

Bibliography Kazakhstan, by Lawrence Krader, 1955.

KNOWHOLD: The Assessment of Military Knowledge at Different Stages of
           the Career Cycle (Department of the Army)

"Evaluating Tests as Dependent Variable Measures in Educational Research,"
by Ivan H. Scheier, Journal of Psychology, vol. 40, pp 193-201.

A Pilot Study of the Retention of Basic Military Subject Matter After
Separation from the Service, by Harry W. Braun, Subcontractor's Report,
May 1955. (Subcontractor: University of Pittsburgh). AD-A024 973.

KNOX: Tank Systems Skills and Training Structure (U.S. Army Research Institute for the Behavioral and Social Sciences)

Tank System Skills and Training Structure: Task Lists for M60A1, M60A1AOS, M48A5, and M60A3 Tanks, by James H. Harris, Memorandum No. 1, 76 pp., November 1976.

Tank System Skills and Training Structure: General Tank Gunnery Training Problems of National Guard Armor/Cavalry Units, by Richard E. O'Brien and J. Patrick Ford, Memorandum No. 2, 8 pp., November 1976.

Tank System Skills and Training Structure: Sub-Tasks for the M60A1 Tank System, by James H. Harris, Richard E. O'Brien, Roy C. Campbell, J. Patrick Ford, Memorandum No. 4, 164 pp., November 1976.

Tank Systems Skills and Training Structure: Comparative Skill Analysis, by John A. Boldovici, James H. Harris, William C. Osborn, and Charlotte L. Heinecke, Final Report FR-WD(KY)-77-2, February 1977.

Criticality and Cluster Analyses of Tasks for the M48A5, M60A1, and M60A3 Tanks, by John A. Boldovici, James H. Harris, William C. Osborn, and Charlotte L. Heinecke, Final Report FR-WD-KY-77-12, April 1977; published by ARI as Technical Report 77-A17, November 1977. AD-A048 607.

Tank System Skills and Training Structure: Task Joining Sequences for Four Cluster Analyses, by James H. Harris, and Charlotte H. Campbell, Memorandum No. 6, 46 pp., May 1977.

Reserve Component Training for Operating and Maintaining the M48A5 Tank, by James H. Harris, William C. Osborn, and John A. Boldovici, Final Report FR-WD(KY)-77-10, May 1977; published by ARI as Technical Report 77-A14, August 1977. AD-A043 057.

Armor and Cavalry National Guard Training Constraints, by Richard E. O'Brien, J. Patrick Ford and John A. Boldovici, Final Report FR-WD-KY-77-13, May 1977; published by ARI as Technical Report 77-A16, July 1977. AD-A044 633.

Tank Systems Skills and Training Structure: Catalogue of Training Media for National Guard Armor and Cavalry Units, by Richard E. O'Brien and J. Patrick Ford and John A. Boldovici, Research Memorandum, June 1977.

Analysis of Gunnery Engagements for Measurement, by John A. Boldovici, Memorandum, August 1977.

"A Paired-Comparison Approach for Estimating Task Criticality," by James H. Harris, William C. Osborn, and John A. Boldovici, presentation to Military Testing Association Conference, San Antonio, Texas, October 1977; included in Professional Paper 4-78, Military Testing: Knowledge and Skills; Criticality and Reliability, February 1978. AD-A054 953.

Accelerated Tank Gunnery Training Program for Gunnery/Loader Replacements by Richard E. O'Brien and W. J. Crum, Research Memorandum RM-WD(KY)-78-3, May 1978; included in ARI Technical Report 78-A29, Trial Implementation of the Tank Crewman Skills Training Program (TCST), 1978.   AD-A061 226.

Analyzing Tank Gunnery Engagements for Simulator-Based Process Measurement by John A. Boldovici, Final Report FR-WD(KY)-78-4, June 1978; published by ARI as Research Report 1227.   AD-A082 090.

Trial Implementation of the Tank Crewman Skills Training Program (TCST),by Richard E. O'Brien, William J. Crum, Richard D. Healy, James H. Harris and William C. Osborn, Final Report FR-WD(KY)-78-11, 164 pp., June 1978; published by ARI as TR 78-A29.   AD-A061 226.

"Some Factors That Affect Reliability of Hands-on Tests, by Patrick Ford and Charlotte H. Campbell, presentation to Military Testing Association, San Diego, CA., October 1979.

"The Negligible Effects of Process-Product Distinctions on Evaluation Quality," by John A. Boldovici and Eugene H. Drucker, presentation to Military Testing Association, San Diego, CA., October 1979.

The Retention of Tank Crewman Skills, by William C. Osborn, Charlotte H. Campbell and James H. Harris, Final Report FR-WD-KY-79-3, 125 pp., May 1979; published by ARI as Research Report 1234.   AD-A086 399.

Tank Crewman (M60A1) Readiness Tests, by Richard E. O'Brien, James H. Harris, William C. Osborn, Richard D. Healy, Research Product RP-WD(KY)-79-11, 298 pp., November 1979; published by ARI as Research Product 79-13. AD-A082 569.

Tank Crewman (M60A1) Training Modules, by Richard E. O'Brien, James H. Harris, William C. Osborn, and Richard D. Healy, Research Product RP-WD(KY)79-12, 223 pp., November 1979; published by ARI as Research Product 79-14.   AD-A082 686.

Tank Crew (M60A1) Performance Exercise, by Richard E. O'Brien, James H. Harris,   William C. Osborn, and Richard D. Healy, Research Product RP-WD(KY)-79-13, 120 pp., November 1979; published by ARI as Research Product 79-15.   AD-A082 706

Program Management for Tank Crewman Skills Training Program, by Richard E. O'Brien, William J. Crum, Research Product RP-WD(KY) 79-14, 196 pp., November 1979; published by ARI as Research Product 79-16.   AD-A082 531.

The Fifth Tank Crewman Survey: The Impact of Additional Tank Crewman on Reported Performance in Armor Units, by Eugene H. Drucker and Newell K. Eaton (ARI), Final Report FR-WD(KY)79-17, 74 pp., December 1979.

LA META: Participate in the Development of an Information Management
System (El Paso Community College, El Paso, Texas)

Development of Follow-Up Questionnaires for Vocational and Transfer Students
at the El Paso Community College and Development of Faculty Motivation
Scales, by Paul G. Whitmore. Consulting Report CR-WD-TX-75-17, June 1975.
ED-144 943.

LAB: Development of an Air Force Literacy Assessment Battery
(Aerospace Medical Division (AFSC), U. S. Air Force)

Development of an Experimental Literacy Assessment Battery, by Thomas G.
Sticht and Larry W. Beck, Final Report FR-WD-CA-76-5, June 1976;
published by Air Force Human Resources Laboratory as AFHRL-TR-76-51,
Experimental Literacy Assessment Battery (LAB).   AD-A030 400.
ED-129 900.   JSAS MS No. 1494.

LEAD: Development of Training for Improving the Combat Skills of Leaders in
Small Infantry Units (Department of the Army)

List of Activities of Infantry Rifle Platoon Leaders, Research Product,
December 1962.

"Extinction Responding as a Function of the Schedule of Secondary Reinforce-
ment," by Thomas J. McCrystal and Fogle C. Clark, Psychological Reports,
vol. 8, 1961.

"Report on HumRRO Division No. 4 Teaching Machine," by Richard Singleton,
May 1965.

Fundamentals of Defensive Combat: Forward Rifle Platoon, by Thomas J.
McCrystal, Research Product, May 1966.

Combat Formations and Battle Drill, Research Product, June 1966.

"Indirect Fire and Movement of Combat Patrols" Infantry, 1966

"An Evaluation of the Effect of Programmed Instruction Response Conditions on
Acquisition and Retention Scores," by Thomas J. McCrystal and T. O. Jacobs.

<u>LEADDIM</u>: Leadership in the Seventies: Redefinitions of Leader Behavior
        (U.S. Army Research Institute for the Behavioral and Social
        Sciences)

<u>Investigations of Perceptions of Army Leadership: Development of a</u>
<u>Measuring Technique</u>, by Joel M. Reaser, Michael R. Vaughan, and Richard E.
Kriner, Final Report FR-D7-74-133, February 1974; included in ARI Research
Problem Review 74-5, <u>Development of a Measure of Army Leadership Climate</u>:
<u>The Military Leadership Behavior Survey</u>, December 1974.

<u>LEADFACT</u>: Leadership in the Seventies: Additional Data Analysis of
        Selected Factors (U.S. Army Research Institute for the
        Behavioral and Social Sciences)

<u>Military Leadership in the Seventies: Selected Analyses</u>, by Michael R.
Vaughan, Richard E. Kriner and Joel M. Reaser, Final Report FR-D2-73-2,
June 1973.   AD-A083 599.

<u>LEADREVIEW</u>: The Development of a Comprehensive Review of Psychological
        and Sociological Literature on Organizational Leadership
        (Office of Naval Research)

"Leadership and Social Exchange," by T. O. Jacobs, presentation to Conference
on Leadership and Management Appraisal (NATO Sponsored), Brussels, Belgium,
August 1971; issued as Professional Paper 17-72, July 1972.   PB-213 211.
ED-155 808.

<u>LIFT</u>:   Army Aviation Helicopter Pilot Training
          (Department of the Army)

<u>A Questionnaire Survey Regarding the Effects on Pilots of Certain Aspects
of the Sikorski H-37 Helicopter Cockpit,</u> by George D. Greer, Jr., Staff
Memorandum, July 1957.

<u>Basic Flight Evaluation,</u> Research Product, May 1958.

<u>The Reliability of Flying Proficiency Evaluation in the Army Aviation Flight
Training Program,</u> by George D. Greer, Jr., Wayne D. Smith, 1Lt Jimmy L.
Hatfield, Research Memorandum, 78 pp., December 1958.

<u>A Comparison of Tactics Versus Transport Primary Helicopter Student Flight
Proficiency,</u> by George D. Greer, Jr., Wayne D. Smith, 1Lt Jimmy L.
Hatfield, Sam C. Brown, and Marvin W. Leiter, Research Memorandum, July
1959.

<u>Manual of Instruction for Administration of the Intermediate and Advanced
Pilot Performance Description Records,</u> by George D. Greer, Jr., Wayne D.
Smith, and Jimmy L. Hatfield, Research Product, 101 pp., October 1959.

<u>A Study of Grading Practices in the Department of Rotary Wing Training,</u>
by Paul W. Caro, Jr., Consulting Report, June 1963.

<u>LIMIT</u>:   Adapting Service School Courses for Enlisted Men with Minimal
           Qualifications (Department of the Army)

<u>Improvement of Instruction for Low Aptitude Personnel - A Summary of the
Experiments at Fort Jackson,</u> by Robert S. Beecroft, Robert Anneser and C. Glenn
Davis, Interim Report, 15 pp., February 1957.   AD-A950 120.

<u>The Effect of Increased Student Participation in Classroom Learning</u> by C.
Glenn Davis, Staff Memorandum, 17 pp., October 1957.

"Implications and Applications of the Functional Context Principle, " by
S. James Goffard, February 1960.

LINK-UP: A Quality Control Model for Facilitating the Transfer of
Technology (Law Enforcement Assistance Administration,
Department of Justice)

Improving Community/Police Relations, by Harold Wagner and Michael Hillelsohn,
Research Product (Slide Presentation), May 1974.

Diversion of Pre-Delinquent Offenders from Juvenile Courts, by William H.
Melching, Research Product, June 1974.

The Sword and the Scales, by J. C. Alexander, Subcontractors' Report,
December 1974. (Subcontractor: The Nelson Company, Tarzana, California).

Anatomy of a Crime, Subcontractor's Report, February 1975. (Subcon-
tractor: LIROL Productions, Burbank, California).

The Development of TV Documentary Series Material on American Judicature and
Law, Criminal Activities, and the Activities of Law Enforcement and Judicial
Agencies: Executive Summary, by C. Dennis Fink, April 1975.

The Development of TV Documentary Series Material on American Judicature and
Law, Criminal Activities, and the Activities of Law Enforcement and Judicial
Agencies, by C. Dennis Fink, Final Report FR-ED-75-10, April 1975.

An Evaluation of the Effectiveness of Workshops for Facilitating the Transfer
of Technology: Executive Summary, by C. Dennis Fink, Executive Summary,
March 1976.

An Evaluation of the Effectiveness of Workshops for Facilitating the Transfer
of Technology, by C. Dennis Fink, Final Report FR-ED-76-3, March 1976.

LISTEN: Development of Automated Programs to Improve Listening Skills Required
in Army Jobs (Department of the Army)

"Comprehension of Repeated Time-Compressed Recordings," by Thomas G.
Sticht, Journal of Experimental Education, vol. 37, no. 4, Summer 1969.

"Learning by Listening," by Thomas G. Sticht, paper for Conference on
Language Acquisition and Comprehension, April 1971; in Language Comprehension
and the Acquisition of Knowledge, Roy O. Freedle and John B. Carroll (eds.),
V. H. Winston & Sons, Inc.; issued as Professional Paper 21-72, November
1972. AD-755 601.

<u>LOCK-ON:</u> Training of Guided Missiles Operator Personnel
(Department of the Army)

<u>The Training of Guided Missile Operators: Technical Appendix -- Evaluation
Materials</u>, by Myron Woolman, Research Memorandum, July 1959.

"Operator Proficiency and Dependency on Supervisors in Guided Missile
Batteries," by Myron Woolman, November 1961.

<u>MABEL</u>: The Development of Preliminary Guidelines for Computer-Based Training (CBT) (American Telephone and Telegraph Company)

<u>Guidelines for Computer-Based Training</u>, Research Product, 290 pp., January 1980.

<u>MACT</u>: Training Research in Support of Military Assistance Command Training Directorate (Department of the Army)

<u>Report of the HumRRO Team Visit to the Republic of Vietnam: 1 June - 29 June 1970</u>, Report, July 1970.

<u>Selected Research Findings and Recommendations Applicable to Republic of Vietnam Armed Forces Basic Rifle Marksmanship</u>, by G. Gary Boycan, Consulting Report, December 1971.

<u>Report of the HumRRO Advisory Effort to the Republic of Vietnam: March 1971 - February 1973</u>, by Russel E. Schulz, Report, May 1973.

<u>MAINTRAIN</u>: Maintenance Proficiency and Its Relation to Training Procedures for Guided Missile Personnel (Department of the Army)

<u>Functional Context Training for HAWK CW Technicians: Results for Class No. 1</u>, by James P. Rogers, and Julia S. Harris, Interim Report, May 1966.

<u>Assembly Area Trouble Shooting Manual -- Missile Guidance Set AN/DPW-11, Guided Missile Test Set AN/DSM-12, Guided Missile Electrical Test Set M22 (Nike-Ajax Antiaircraft Guided Missile System)</u>, Research Product, 1960. AD-A020 701.

<u>MAIP</u>: Study of Military Morale, Attitudes, and Interrelated Personality
         Characteristics of Troops (Department of the Army)

<u>Study of Military Morale Attitudes and Interrelated Personality Characteristics
of Troops</u>, Subcontractor's Report, January 1953. (Subcontractor: National
Opinion Research Center, University of Chicago).

<u>Attitudinal Intensity in Relation to Personality and Status in a Military
Situation</u>, by Jack Elinson, Subcontractor's Report No. 48, May 1953.
(Subcontractor: National Opinion Research Center, University of Chicago).
AD-A072 528.

<u>MANEVAL</u>: Maneuver Evaluations (Department of the Army)

<u>A Q-Sort Study of Company Commanders' Attitudes Toward Their Jobs at
Exercise Blue Bolt</u>, by Rodney A. Clark, Staff Memorandum, June 1955.

<u>A Survey on Morale and Leadership as Affected by the ATFA-1 Armored
Division</u>, by Boyd L. Mathers, Staff Memorandum, September 1955.

<u>Sagebrush Maneuver Tests: Applied and Theoretical</u>, by Edgar L. Shriver,
Staff Memorandum, May 1956.   AD-A072 270.

<u>Appendices to Sagebrush Maneuver Tests: Applied and Theoretical</u>, by
Edgar L. Shriver, Appendices to Staff Memorandum, August 1956.   AD-A072 271.

MANICON: Determination of Performance Capabilities and Training
Requirements for Manual Command and Control Functions
of the NIKE-X Weapon System (Department of the Army)

Evaluation of Proposed Manual Functions in the NIKE-X Thin Defense Deployment
Concept, Consulting Report, 114 pp., May 1967. (CONFIDENTIAL). AD-C003 524.

Scenario and Displays at Four Time Points of a Washington Game: Appendix
A, Appendix to Consulting Report, June 1967. (CONFIDENTIAL)

Scenario and Displays at Four Time Points of a Washington Game, Consulting
Report, 69 pp., July 1967. (CONFIDENTIAL). AD-C003 520.

Some Important Assumptions Underlying Proposed Manual Functions for DEMOD;-67,
Research Product, 100 pp., 1967. (SECRET).

Catalog of System Data, Research Product, 78 pp., 1967. (SECRET).

Human Factors Requirements for Manual Interface in a Simulation Facility,
Research Product, 33 pp., 1968.

Command and Control Display Designs for the Sentinel Simulation Facility:
Volume I, Sentinel Coordination, Consulting Report, 114 pp., June 1968.
(CONFIDENTIAL). AD-C003 530.

Command and Control Display Designs for the Sentinel Simulation Facility:
Volume II, Ballistic Missile Defense Center, Consulting Report, 130 pp.,
June 1968. (CONFIDENTIAL). AD-C003 530.

Manual Command and Control Tasks for the Sentinel Simulation Facility:
Volume I, Area Coordination Center, Consulting Report, 66 pp., December
1968. (CONFIDENTIAL). AD-C003 518.

Manual Command and Control Tasks for the Sentinel Simulation Facility:
Volume II, Ballistic Missile Control Center, Consulting Report, 70 pp.,
January 1969. (SECRET)..

An Evaluation of the Proposed Manual Command and Control Functions for
the SAFEGUARD System, by Michael R. McCluskey, Elmo E. Miller, A. Dean
Wright, John A. Hicks, III,and James E. Robyak, Consulting Report,
28 pp., August 1969. (CONFIDENTIAL). AD-C003 543.

Analysis of Human Control Functions in a Complex Man-Machine System, by
William H. Melching, and Harry L. Ammerman, Consulting Report CR-D5-
71-1, March 1971. AD-B002 191.

Human Engineering Evaluation of the SAFEGUARD L-Shaped Console, by
William H. Ton and George R. Frampton, Consulting Report, August 1971.

MANICON: continued...

Manual Action Performance Requirements for SAFEGUARD System Command
and Control Positions, by William H. Ton, Consulting Report, August
1971.

Manual Action Performance Requirements for SAFEGUARD System Command
and Control Positions: Appendices A-D, by William H. Ton, Appendices
to Consulting Report, 80 pp., August 1971. AD-C003 522.

"Designing the Operator into Highly Automated Systems, " by Harry L.
Ammerman and William H. Melching, Instruments and Control Systems,
vol. 46, no. 3, March 1973.

MAP: Development of Guidelines for Training Personnel for Military
Assistance Advisory Duties (Department of the Army)

An Exploratory Investigation of Human Factors in the Military Assistance
Program. Report I: Normative Characteristics of the Activities of
Advisor and Counterpart Personnel, by Dean K. Froehlich, Research Report,
February 1964.

An Exploratory Investigation of Human Factors in the Military Assistance
Program. Report II: A Comparison Between Advisors' and Counterparts'
Preferences for Co-Workers, by Dean K. Froehlich, Research Report,
February 1964.

"Strategies for Intergroup Cooperation," by Jose Armilla, August 1966.

MARKSMAN: Combat Marksmanship (Department of the Army)

"A Program of Research on Marksmanship Training," by T. O. Jacobs and
Robert Faulkender, presentation to Headquarters, U.S. Continental Army
Command, Fort Monroe, VA., December 1970.

"Perspectives on Simulation and Miniaturization," by Michael R.
McCluskey, presentation to U.S. Continental Army Command Training
Workshop, Fort Gordon, Georgia, October 1971; issued as Professional
Paper 14-72, June 1972. AD-748 082. ED-066 910.

"Army Research on Combat Rifle Marksmanship," by James W. Dees, June
1972.

<u>MARS:</u> Research Studies and Analysis on Procurement, Utilization,
       Retention, and Separation of Military Personnel (Office of
       the Assistant Secretary of Defense, Manpower and Reserve
       Affairs)

<u>Post-Service Earnings Among Men Who Separated From the Army July 1968
Through June 1969</u> (Two Volumes), by Eli S. Flyer, Allan H. Fisher, Jr.,
and Larry Mitchell; published by OASD (M&RA) as Manpower Research
Studies Report MA 70-2, December 1970.

<u>Factors Related to Unemployment Trends Among Men Who Separated from
Army July 1968 Through June 1969</u> (Two Volumes), by Eli S. Flyer,
Allan H. Fisher, Jr., and Larry Mitchell; published by OASD (M&RA)
as Manpower Research Studies Report MA 71-1, January 1971.

<u>Factors Relating to Post-Service College Enrollment Among Army First-
Term Separatees</u>, by Eli S. Flyer, Allan H. Fisher, Jr., and Larry
Mitchell; published by OASD (M&RA) as Manpower Research Studies
Report 71-2, February 1971.

<u>AAFEES 71: A Preliminary Report of Findings and Selected Inter-Study
Analyses</u>, by Allan H. Fisher, Jr., and Leonard Oberlander, Consulting
Report, June 1971.

<u>Attitudes of Youth Toward Military Service: Results of a National Survey</u>
Conducted in May 1971, by Allan H. Fisher, Jr., Consulting Report, 125 pp.,
October 1971.   AD-A080 523.

<u>Who Served in Vietnam? Analysis of Factors Associated With Vietnam Duty
Among Army First-Term Enlisted Personnel</u>, Consulting Report CR-D7-71-1,
October 1971

<u>Comparison Between Army First-Term Enlisted Separatees Returning to
Active Service and a Control Group of Total Separations</u>, Consulting
Report CR-D7-71-2, October 1971.

<u>Characteristics of Army Prior Service Enlistees</u>, Consulting Report
CR-D7-71-4, January 1972.

<u>Participation in the USAFI High School GED Program, and Achievement
Rates by Service, Race, and Aptitude</u>, Consulting Report CR-D7-71-5,
January 1972.

<u>Comparison of Certain Characteristics of Male and Female Army Enlisted
Personnel</u>, Consulting Report CR-D7-71-3, February 1972.

<u>Profile of DoD First-Term Enlisted Personnel Separating From Active
Service During 1970</u>, Consulting Report CR-D7-71-6, February 1972.

MARS: continued...

Motivations and Attitudes of Officer Candidates: An Initial Report of Findings from the Officer Pre-Com Survey, by Allan H. Fisher, Jr., Consulting Report CR-D7-72-7, March 1972. AD-A015 560.

Summary Data on the Distribution of Recent Applicants for Enlistment to the Armed Services (10 April 1972), by Allan H. Fisher, Jr., Consulting Report, April 1972.

"Patterns of Drug Usage Among Vietnam Veterans," by Allan H. Fisher, MAJ K.E. Nelson, and CPT Jacob Panzarella, Professional Paper 12-72, May 1972. AD-743 162. ED-070 966.

Service Image and Recruiter Effectiveness: A Review of Sample Survey Findings, by Allan H. Fisher, Jr., Research Product RP-D7-72-28, July 1972.

Service Image and Recruiter Effectiveness: A Review of Sample Survey Findings, by Allan H. Fisher, Jr., Research Product RP-D7-72-29, August 1972.

MASTER: Evaluation of Maintenance Skills at Army Service Schools (U.S. Army Research for the Behavioral and Social Sciences)

An Attempt to Identify Indicators of Competence on Mechanical Maintenance Tasks, by James H. Harris, Charlotte H. Campbell and William C. Osborn, Final Report FR-WD(KY)-79-1, 115 pp., January 1979. AD-A095 722.

MBO: Implementation of Motivational Development Training Within Army Battalions (U.S. Army Research Institute for the Behavioral and Social Sciences)

"Implementation of Motivational Development Training Within Army Battalions," by John P. Fry, presentation to Fourth Symposium on Psychology in the Air Force, U.S. Air Force Academy, April 1974 and to William Beaumont Army Medical Center, Southwestern Psychological Association, El Paso, Texas, May 1974.

<u>MBT</u>: Training Guidelines for the US/FRG Main Battle Tank
(Department of the Army)

<u>Training Effectiveness of XM35 Conduct of Fire Trainer (COFT)</u>, by
Donald F. Haggard, and LTC W. Q. Harty, Interim Report, March 1967.
AD-A033 966.

<u>Preliminary Outline of Driver Duties and Tasks for US/FRG MBT-70</u>,
by Ronald E. Kraemer, G. Gary Boycan, and L.C. Pierce, Interim
Report, May 1967.   AD-A950 103.

<u>Preliminary Outline of Tank Commander Duties and Tasks for US/FRG
MBT-70</u>, by G. Gary Boycan and Ronald E. Kraemer, Interim Report
May 1967.   AD-A950 103.

<u>Preliminary Outline of Gunner Duties and Tasks for US/FRG MBT-70</u>,
by G. Gary Boycan, Ronald E. Kraemer, and R. W. Graham, Interim
Report, May 1967.   AD-A950 106.

<u>A Comparison of Armor Trainees' Performances on M132A2 and XM19 Ballistic
Computers</u>, by G. Gary Boycan, Consulting Report, November 1967.

<u>US/FRG MBT-70 Crew Functional Procedures and Performance Standards</u>, by
G. Gary Boycan, Research Product, January 1968.   AD-A950 109.

<u>Preliminary Outline of Organizational Maintenance Duties and Tasks for
US/FRG MBT-70 (Section II.   Turret Maintenance)</u>, by William C. Osborn
and R. W. Graham, Interim Report, January 1968.   AD-A950 105.

<u>Preliminary Outline of Organizational Maintenance Duties and Tasks
for US/FRG MBT-70 (Section I: Automotive Maintenance)</u>, by R. W. Graham
and William C. Osborn, Interim Report, January 1968.   AD-A950 104.

<u>Preliminary Outline of Crew Duties and Tasks for Operation of the
M60A1E1/E2</u>, L.C. Pierce, Jr., Research Product, February 1968.
AD-A950 107.

<u>The U.S. Approach to Training System Development for the Main Battle
Tank-70</u>, by Donald F. Haggard, presentation to Logistics, Human Factors
and Training Group Joint Meeting, Bonn, Germany, May 1968; issued as
Staff Paper, December 1968.

<u>Review of the Link Group's Training Device Requirements Study (MBT-70)</u>,
by William C. Osborn, Consulting Report, December 1968.

<u>Performance Times and Procedural Descriptions for Selected Organizational
Maintenance Tasks (MBT-70)</u>, by Joseph P. Militello, Consulting Report,
February 1970.

<u>Scope of the Operational Service Test Training Package</u>, by G. Gary
Boycan, Consulting Report, November 1970.   AD-A026 373.

<u>MCPS</u>: Data Flow and Communication Procedures Relevant to Concerns of the MCPS Ad Hoc Committee on Communications (Montgomery County Public Schools)

<u>An Analysis of Memoranda to MCPS Principals from Office of the MCPS Educational Services Center</u>, by C. Dennis Fink, Final Report FR-ED-77-45, March 1977.

<u>Projection for the Future of Instructional Computing in the Montgomery County Public Schools (Amended Conclusions and Recommendations)</u>, Final Report FR-ED-77-3, June 1977.

<u>MDAC</u>: Research Studies and Analyses on Procurement, Utilization, Performance, Retention, and Separation of Military Personnel (Office of the Assistant Secretary of Defense, Manpower and Reserve Affairs)

<u>Characteristics of Army Prior Service Enlistees</u>, Consulting Report CR-D7-72-13, January 1972.

<u>Factors Relating to Unsuitability Discharge and Desertion Status Among Army Enlisted Accessions</u>, Consulting Report CR-D7-72-10, February 1972.

<u>Comparison of Certain Characteristics of Male and Female Army Enlisted Personnel</u>, Consulting Report CR-D7-72-11, February 1972.

<u>Military Occupation and Pay Grade Distribution of Army Female Enlisted Personnel on Active Duty as of 30 June 1971</u>, Consulting Report CR-D7-72-12, February 1972.

<u>Profile of DoD First-Term Enlisted Personnel Separating From Active Service During 1970 and 1971</u>, Consulting Report CR-D7-72-14, February 1972.

<u>Profile of First-Term Enlisted Personnel Separating from Active Service During 1970</u>, Consulting Report CR-D7-72-15, February 1972.

<u>Promotion Patterns for Male and Female Enlisted Personnel--By Service and DoD</u>, Consulting Report CR-D7-72-8, March 1972.

<u>Assignment of Male and Female Enlisted Personnel--By Service and DoD</u>, Consulting Report CR-D7-72-9, March 1972.

<u>Pay Grade Means and Distributions for Male Enlisted Personnel by Race and Years of Active Service</u>, by Kenneth Scheflen, Consulting Report CR-D7-72-19, April 1972.

MDAC: continued...

Attrition Among Male and Female Enlisted Personnel During FY 71, by Kenneth C. Scheflen, Consulting Report CR-D7-72-20, April 1972.

Retention Among Enlisted Personnel Entering Army During 1976, by Kenneth C. Scheflen, Consulting Report CR-D7-72-22, April 1972.

Conversion of Navy GCT Scores to AFQT Mental Group, by Kenneth C. Scheflen, Consulting Report CR-D7-72-21, June 1972.

Draftees: Disqualifications for Military Service for Medical Reasons-- An Analysis of Trends Over Time, by Bernard D. Karpinos, Consulting Report CR-D7-72-27, 78 pp., June 1972; published by OASD (M&RA) as Manpower Research Report MA 72-2, June 1972.   AD-A060 770.

Enlistees: Percent Distribution by Mental Group, Educational Attainment, Race, and Military Service, January 1972 - March 1972, by Kenneth C. Scheflen, Consulting Report CR-D7-72-25, July 1972.

Geographic and Racial Differences Among Men Qualified for Military Service, by Kenneth C. Scheflen, Consulting Report CR-D7-72-26, July 1972.

Promotion Patterns for Male and Female Enlisted Personnel in Medical and Administrative Occupations, Consulting Report CR-D7-72-31, August 1972.

Racial and Ethnic Group Composition of the Male Enlisted Force, by Kenneth C. Scheflen, Consulting Report CR-D7-72-36, October 1972.

Extension of the Combat Arms Bonus, Consulting Report CR-D7-72-42, October 1972.

Retention Rates and Composition of the Male Enlisted Force by Race and Year of Entry to Active Service, Consulting Report CR-D7-72-40, November 1972.

Retention of Male and Female Enlisted Personnel: Fiscal Year 1960 to 1971 Accessions, Consulting Report CR-D7-72-38, December 1972.

FY71 Enlisted Separations: Cause of Separation by Sex, Educational Level, and Mental Group, Consulting Report CR-D7-72-39, December 1972.

Current Issues on the Critical Skills Enlistment Bonus, Consulting Report, CR-D7-72-41, December 1972.

MEDASSESS: A State-of-the-Art Review of Techniques and Procedures for the Measurement of Complex Human Performance (National Board of Medical Examiners, Philadelphia, PA)

A State-of-the-Art Review of Techniques and Procedures for the Measurement of Complex Human Performance, by C. Dennis Fink, Harold Wagner, Richard D. Behringer, Francis L. Hibbits, Consulting Report CR-D1-74-2, April 1974. ED-150 167.

MEDED: Development of an Action Plan for an OHI Post-Graduate School of Occupational Health (Occupational Health Institute, Chicago, Illinois)

The Development of an Action Plan for a Post-Graduate School of Occupational Health, by C. Dennis Fink and David S. Bushnell, Final Report FR-ED-76-15, July 1976. ED-130 569.

The Development of an Action Plan for a Post-Graduate School of Occupational Health, by C. Dennis Fink and David S. Bushnell, Executive Summary to Final Report FR-ED-76-15, July 1976.

"Postgraduate Training of Occupational Physicians: An Action Plan," by C. Dennis Fink and David S. Bushnell, Journal of Occupational Medicine, vol. 18, no. 11, November 1976.

<u>MEDIA</u>:   Improving Media Implementation in Army Training Programs
          (U.S. Continental Army Command)

<u>Selecting Methods and Media to Achieve Training Objectives: A</u>
<u>Preliminary Manual</u>, by Ronald W. Spangenberg, Research Product,
February 1971.   ED-121 263.

"The Motion Variable in Procedural Learning," by Ronald W. Spangenberg,
presentation to Association for Educational Communications Technology,
Philadelphia, PA., March 1971; in <u>Audio Visual Communications Review</u>,
vol. 21, no. 4, Winter 1973; issued as Professional Paper 14-74,
September 1974.   AD-A002 304.

"Theoretical Framework: Some Basic Issues Related to Methods and
Media Selection," by Ronald W. Spangenberg, paper for Panel Presentation,
U.S. Continental Army Command Training Workshop, Fort Gordon, GA.,
October 1971; issued as Professional Paper 4-73, February 1973.
AD-758 437.   ED-074 741.

"Effects of Displayed Elaboration on Learning and Retention" by Ronald
W. Spangenberg, August 1972.

<u>MEDNET</u>:   Evaluation of the Impact of the CAI Network on the Using
           Institutions (National Library of Medicine, Department of
           Health, Education and Welfare)

<u>An Evaluation of the Experimental CAI Network (1973-1975) of the Lister</u>
<u>Hill National Center for Biomedical Communications, National Library of</u>
<u>Medicine</u>, by Martin L. Rubin, Beverly Hunter and Marilyn Knetsch, Final
Report FR-ED-75-1, January 1975.   PB-239 358.   ED-115 225.

MEDSURVEY: Evaluation of Biomedical CAI from a User/Institutional Viewpoint (National Library of Medicine, Department of Health, Education, and Welfare)

Evaluation of Biomedical Computer-Assisted Instruction from a User/ Institutional Viewpoint, by Martin L. Rubin, Marilyn Knetsch, and Richard Rosenblatt, Final Report FR-ED-76-37, 97 pp., September 1976. PB-258 561.   ED-208 863.

MELITE: Pilot Research on a Comparative Study of Military and Scientific Leaders in Selected Countries (Department of the Army)

The Role of Science in Soviet Society: An Analysis of the Academy of Sciences of the U.S.S.R., by Alexander Vucinich, Subcontractor's Report, 1953. (Subcontractor: Leland Stanford University). AD-A001 770.

"The Social Role of Soviet Scientists," by Alexander Vucinich, paper for American Sociological Society meeting, Berkeley, CA., August 1953.

"The Soviet Military Elite," by Daniel Lerner and George K. Schueller paper for American Sociological Society, Berkeley, CA., August 1953.

The Military Leaders of Selected Countries, by Pio Uliassi, Information Report (in four volumes), April 1954.   (SECRET).

Bibliography on USSR and Soviet Satellites, July 1954.

Satellite Generals: A Study of Military Elites in Eastern Europe, by Pio D. Uliassi, Staff Memorandum, July 1955. (CONFIDENTIAL).   AD-C003 550.

METHOD: Research for Programmed Instruction in Military Training
(Department of the Army)

"An Experimental Method for Programming," by Iris C. Rotberg, in
AV Communication Review, vol. 12, no. 1, Spring 1964.

"A Long-Term Study on the Teaching of Problem Solving via Programed
Instruction," by Robert J. Seidel, paper for XVIII International
Congress of Psychology, Moscow, Russia, August 1966; published in
Proceedings of the XVIII International Congress of Psychology, Moscow,
Russia, August 1966.

Basic Computer Programming: A Self-Instructional Course, by Robert J.
Seidel, Harold G. Hunter, Iris C. Rotberg, and W. A. Carpenter, Research
Product (Instructional Manual and Answer Booklet), 137 pp., June 1967.
AD-A034 045 (Instruction Manual). AD-A034 039 (Answer Booklet).

MIC-QR: Development of a Motorcycle Safety Plan
(Motorcycle Industry Council)

Motorcyle Safety Plan, by A. James McKnight (HumRRO) and Martin L. Reiss
(Biotechnology, Inc.), Final Report, December 1972.

MILTEST-HS: Broadening High School Testing Information Available to
Defense for Recruitment Purposes (Office of the Assistant
Secretary of Defense, MRA&L)

"The High School Testing Program: A Cost-Effective Recruitment Tool," by
Gus C. Lee, in Defense Management Journal, First Quarter, 1980.

Report on Army Education Coordinator Study, by Richard J. Orend, Technical
Memorandum, 25 pp., June 1981.

Exploratory Survey of Secondary Schools Which Discontinued ASVAB Testing,
Technical Memorandum, 32 pp., August 1981.

<u>MIRAGE</u>: Mission-Based Simulation and Training Requirements
(U.S. Army Research Institute for the Behavioral and
Social Sciences)

<u>Training Materials and Data Requirements for the BT-41 Fire Simulator Test</u>
<u>Support Package (TSP)</u>, by Deborah A. Smith (Honeywell, Inc.), David W.
Bessemer (ARI), and James H. Harris (HumRRO), Research Product RP-MTRD-(KY)-81-4,
October 1980.

<u>Training Materials and Data Requirements for Combat Training Theater (CTT)</u>
<u>Training Test Support Plan</u>, by James H. Harris (HumRRO), David W. Bessemer
(ARI), and Keven J. McAleese (Honeywell, Inc.), Research Product
RP-MTRD(KY)-81-3, December 1980.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 1: Final</u>
<u>Report</u>, by Eugene H. Drucker and Richard E. O'Brien, Final Report
FR-MTRD(KY)-81-2, 223 pp., February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 2: Armor</u>
<u>Operation Time Sequences</u>, by Richard E. O'Brien and Eugene H. Drucker,
Final Report FR-MTRD(KY)-81-2, 143 pp., February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 3: Leadership</u>
<u>Tasks Performed During Tank Platoon Operations</u>, by Richard E. O'Brien and
Eugene H. Drucker, Final Report FR-MTRD(KY)-81-2, 194 pp., February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 4: Crewman</u>
<u>Tasks Performed During Tank Platoon Operations</u>, by Richard E. O'Brien and
Eugene H. Drucker, Final Report FR-MTRD(KY)-81-2, 305 pp., February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 5: Relationships</u>
<u>Among Collective and Individual Tasks in Tank Platoon Operations</u>, by Richard
E. O'Brien and Eugene H. Drucker, Final Report FR-MTRD(KY)-81-2, 309 pp.,
February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 6: Training</u>
<u>Objectives for Tank Platoons and Crews</u>, by Richard E. O'Brien and Eugene
H. Drucker, Final Report FR-MTRD(KY)-81-2, 181 pp., February 1981.

<u>Mission-Based Analyses of Armor Training Requirements - Volume 7: Training</u>
<u>Objectives for the XM1 Loader</u>, by Brian J. Yore, Eugene H. Drucker and
Richard E. O'Brien, Final Report FR-MTRD(KY)-81-2, 147 pp., February 1981.

<u>Design Institutional and Unit Sustainment Training Programs for XM1 Armor</u>
<u>Crewman</u>, by Charlotte H. Campbell and James H. Harris, Interim Report,
March 1981.

<u>Field Evaluation of the ESSLR and CESSLR Devices</u>, by William H. Melching,
Research Product RP-MTRD (KY)-81-15, August 1981.

MIRAGE: Continued...

Training Strategies for the M1 Abrams Tank Driver Trainer, by C. Mazie
Knerr, Susan D. Keller and Janice H. Laurence, Final Report FR-MTRD
(KY)-81-8, 104 pp., December 1981.

MISIP: Minority Institutions Science Improvement Program: Case Studies in
Academic Computing (National Science Foundation)

Academic Computing at Jackson State University - A Case Study, by Beverly
Hunter, Paperback, 1980.   ED-210 023

Academic Computing at the Community College of Baltimore - A Case Study,
by Beverly Hunter, and Greg Kearsley, Paperback Book, 35 pp., 1981.

Academic Computing at Bennett College - A Case Study, by Beverly Hunter
and Greg Kearsley, Paperback Book, 32 pp., 1981.   ED-210 022

MOBILITY: Methods for Improving Vehicle Maintenance (Department of the
Army)

A Survey of First Echelon Maintenance Practices and Their Effects, by
Donald J. Baerman, Staff Memorandum, September 1956.

MOBILITY: Methods for Improving Automotive Maintenance, by
L.L. Ainsworth, Jr., Report, June 1958.

Maintenance Management Training, by Carson Y. Nolan and Darvin L. Winick,
Staff Memorandum, July 1959.

"MOBILITY IV: The Performance of Organizational Maintenance by Track Vehicle
Mechanics; MOBILITY V: The Proficiency of Armor Organizational Maintenance
Sergeants and Senior Track Vehicle Mechanics," Briefing, October 1961.
AD-A020 009.

The Performance of Organizational Maintenance by Track Vehicle Mechanics and
Maintenance Sergeants, by John P. Smith, Technical Report 87, March 1964.
AD-478 720.

<u>MODE</u>: Methods of Research Into Data Acquisition in Selected Social Problem
Areas in the Military (Department of the Army)

<u>A Comparison of Methods of Studying Illicit Drug Usage</u>, by George H. Brown
and Frank H. Harding, Technical Report 73-9, April 1973.   AD-760 407.
ED-133 636.

<u>Drug Usage Rates as Related to Method of Data Acquisition</u>, by George H.
Brown, Technical Report 74-20, August 1974.   AD-786 537.   ED-097 618.

<u>Self-Disclosure on Army Surveys: Survey Procedures and Respondent Beliefs
Related to Candidness</u>, by Thurlow R. Wilson and Theodore H. Rosen, Technical
Report 75-2, April 1975.   AD-A012 671.

<u>A Test of the Forced-Alternative Random Response Questionnaire Technique</u>, by
Joel M. Reaser, Steven Hartsock, and Arthur J. Hoehn, Technical Report 75-9,
June 1975.   AD-A012 677.   ED-111 869.

<u>Randomized Inquiry vs. Conventional Questionnaire Method in Estimating Drug
Usage Rates Through Mail Surveys</u>, by George H. Brown, Technical Report 75-14,
June 1975.   AD-A012 681.   ED-112 326.

<u>The Prevalence of Drug Abuse in the Army: A Comparison of Urinalysis and
Survey Rates</u>, by Joel M. Reaser, John A. Richards, and Steven L. Hartsock,
Technical Report 75-17, June 1975.   AD-A012 683.

MODMAN: Models for Systems Engineering of Man Ascendant Jobs
(Department of the Army)

SOFT SKILLS: Definition,Behavioral Model Analysis,Training Procedures,
by Paul G. Whitmore and John P. Fry, Professional Paper 3-74, March
1974.   AD-778 168.   ED-158 043.

"The Behavioral Model as a Tool for Analyzing 'Soft Skills'" , by Paul
G. Whitmore, presentation at U.S. Continental Army Command Soft Skills
Conference, Fort Bliss, Texas, December 1972; included in Professional
Paper 3-74, SOFT SKILLS: Definition, Behavioral Model Analysis, Training
Procedures, March 1974.   AD-778 168.   ED-158 043.

"Procedures for Implementing Soft-Skill Training in CONARC Schools," by
John P. Fry, presentation at U.S. Continental Army Command Soft Skills
Conference, Fort Bliss, Texas, December 1972; included in Professional
Paper 3-74, SOFT SKILLS: Definition, Behavioral Model Analysis, Training
Procedures, March 1974.   AD-778 168.   ED-158 043.

"What are Soft Skills?" by John P. Fry and Paul G. Whitmore, presentation
at U.S. Continental Army Command Soft Skills Conference, Fort Bliss,
Texas, December 1972; included in Professional Paper 3-74, SOFT SKILLS:
Definition, Behavioral Model Analysis, Training Procedures, March 1974.
AD-778 168.   ED-158 043.

Systems Engineering of Training: Soft Skills, by Paul G. Whitmore,
John P. Fry and Gerald J. Cason, Report, February 1974; published by ARI
as Research Memorandum 74-9, June 1974.

MODTEST: Development of a Model Job Performance Test for a Combat Occupational
Specialty (U.S. Army Research Institute for the Behavioral and
Social Sciences)

"Functionally Integrated Performance Testing," by William C. Osborn, James
H. Harris and J. Patrick Ford, presentation to Military Testing Association
meeting, Oklahoma City, Oklahoma, October 1974.

Development of a Model Job Performance Test for a Combat Occupational
Specialty. Volume 1: Test Development, by James H. Harris, Roy C. Campbell,
William C. Osborn, and John A. Boldovici, Final Report FR-CD(L)-75-6,
November 1975; published by ARI as TR-75-A5, November 1975.   AD-A025 102.

-Development of a Model Job Performance Test for a Combat Occupational
Specialty. Volume 2 : Instructions and Procedures for Conducting a
Functionally Integrated Performance Test, by James H. Harris, Roy C.
Campbell, William C. Osborn, and John A. Boldovici, Final Report
FR-CD(L)-75-6, November, 1975; published by ARI as TR-75-A6, November
1975.   AD-A025 103.

<u>MOONLIGHT</u>: Improved Methods for Training the Soldier Under Limited
Visibility Conditions (Department of the Army)

"Preliminary Report of Research on Task MOONLIGHT, Phase IV," 1954.

"MOONLIGHT IV: Rationale for Night Time Squad Training Techniques,"
February 1954.

"Training Device Made from Pinball Machines, " by Charles K. Ramond,
June 1954.

<u>Troop Test of Lightweight Rifle System, Moonlight Phase</u>, by Edgar L.
Shriver and John Sivy, Interim Report, June 1955.

"Orientation to the MOONLIGHT Project," by Francis E. Jones, paper
for Army Advisory Panel on Personnel and Research Training meeting,
Fort Benning, Georgia, June 1956.

<u>Technique of Rifle Fire and Squad Tactics Under Low Visibility</u>, by A.
Elin and Quana R. Jones, Jr., Research Product, September 1957.

<u>MOSAIC</u>: Studies on Organization and Operation of Electronics Maintenance
Units (Department of the Army)

<u>Ten New Concepts for Maintaining Electronics Systems</u>, by Edgar L. Shriver
and Robert C. Trexler, Staff Paper 11 pp., July 1965.   AD-B951 715.

"Men, Machines, and the Software Middleman," by Edgar L. Shriver, paper
for Society of Technical Writers and Publishers, Huntsville, Alabama,
April 1966; published as Professional Paper 3-66, April 1966.   AD-634 213.

<u>MOSAIC Hawk Operator Manual</u>, Research Product, August 1966.

<u>MOSAIC--Hawk Par Maintenance Manual (TM 9-1430-502-20)</u>, Research Product,
(CONFIDENTIAL),   October 1966.

<u>Check Procedures for Pulse Acquisition Radar Set AN/MPQ-35 (TM 9-1430-502-12/1)</u>,
Research Product, October 1966.

"A Model Electronic Maintenance Organization: The Design and Integration of
Personnel, Training, and Logistics Concepts," by Robert C. Trexler, July
1969.

MPD: Evaluation of the Louisville Model Police District
(City of Louisville, Kentucky)

Evaluation of the Louisville Experimental Police District: First Year of Operation, by William C. Osborn, Research Product RP-D2-72-6, July 1972; included as an Annex to Louisville Division of Police Experimental District Final Report, July 1972.

MPE: Classification and Selection for Mail Processing Equipment
Maintenance Positions (U.S. Post Office Department)

Classification, Career Structure, and Job Analysis of Mail Processing Equipment Maintenance Personnel, by C. Dennis Fink and Francis L. Hibbits, Report, April 1969. ED-113 532.

The Development of Job-Oriented Examinations for Postal Equipment Maintenance Positions, by A. James McKnight, Richard D. Behringer, J. Robert Lodge, and Miriam Safren, Report, June 1969. ED-113 533.

The Analysis of Postal Equipment Maintenance Positions: Technical Appendices, by A. James McKnight, C. Dennis Fink, Report Appendices, June 1969.

The Analysis of Postal Equipment Maintenance Positions, by A. James McKnight, C. Dennis Fink, Report, July 1969.

MSCUE: Evaluation of the Activities of the Southeast Curriculum Coordination
Center (SCCC) (Mississippi State University Research Coordinating
Unit for Vocational-Technical Education)

The Southeast Curriculum Coordination Center: Evaluation of Accomplishments and Review of Procedures, by H. Alton Boyd, Final Report FR-CD(P)-75-5, July 1975. ED-155 355.

NAVCAD: Psychological Consulting Services for Academic Computing Center,
         U.S. Naval Academy (U.S. Naval Academy)

Plan for an Experiment, by Edgar M. Haverland, Research Product, June
1968.

Validation of Instructional Material: NAVCAD II, by Edgar M. Haverland,
Research Product, July 1968.

Analysis of Student Responses to CAI Materials: NAVCAD II, by Edgar
M. Haverland, Research Product, August 1968.

Comments on Experimental Design: NAVCAD II, by Edgar M. Haverland,
Research Product, August 1968.

NAVCAD Final Report, by Edgar M. Haverland, Final Report, April 1969.

NAVY: Study to Determine the Validity of Enhancing the Basic Cockpit
       Procedures Trainer for the TH-1 Helicopter, Device 2B18
       (Naval Training Equipment Center, Orlando, Florida)

Consulting Services Related to Device 2B18, by Paul W. Caro, Robert N.
Isley, Final Report FR-CD(D)-75-2, March 1975.

<u>NCO</u>: Training of Potential Noncommissioned Officers
(Department of the Army)

<u>Training Objectives Analysis for Advanced Individual Training, Light Weapons
Infantry</u>, George M. Ahrens, Staff Report, August 1958.

<u>An Analysis of Some Predictor and Criterion Variables for Task NCO</u>, by Paul
D. Hood, Staff Report, 38 pp., August 1958.

<u>Factor Analysis of the Fort Ord Light Weapons Infantry Proficiency Test
for Advanced Individual Training</u>, by Richard P. Kern, Staff Report, September
1958.

<u>Army Trainee Attitudes Toward the Army and its Officers</u>, by Paul D. Hood,
Jr., Staff Memorandum, December 1958.

<u>A Review of Some Literature Concerned with the Responsibilities of the Junior
NCO</u> by Morris Showel and George M. Ahrens, Research Memorandum, 45 pp., March
1959.

<u>A Guide for the Infantry Squad Leaders. What the Beginning Squad Leader
Should Know About Human Relations</u>, Research Product, December 1960.

<u>A Guide for the Potential Noncommissioned Officer</u>, Research Product Training
Manual, 3rd Edition, December 1961.

<u>The Effect of "Review for Graded Test" on Training and Evaluation</u>, by
Richard P. Kern and Paul D. Hood, Research Memorandum, February 1963.

<u>Report of the Course Compression Study Area of NCO II</u>, by Richard P. Kern,
and Paul D. Hood, Research Memorandum, March 1963.   AD-A021 004.

<u>A Guide for the Potential Noncommissioned Officer</u>, Research Product
(Training Manual, 4th Edition), June 1963; published by the U.S. Conti-
nental Army Command as USCONARC Pamphlet 350-24.

<u>Research on the Training of Noncommissioned Officers: Progress Report:
NCO II</u>, by Paul D. Hood, Richard P. Kern, and Morris Showel, Research
Memorandum, November 1964.

<u>Automated Leadership Training Program. A--Instructor's Guide</u>, Research
Product, December 1966.   AD-701 604.

<u>Automated Leadership Training Program. B--Equipment Requirements</u>, Research
Product, December 1966.   AD-701 605.

"A Program for Developing Potential NCOs," by Morris Showel, paper for NATO
Scientific Affairs Committee, London, England, August 1967; in <u>Manpower
Research</u>, N.A.B. Wilson (Ed), English Universities Press, 1969.

<u>NCO</u>: continued...

The Role of the AIT Cadreman, Training Film TF21-3303.

The Role of the Trainee Leader, Training Film TF 21-3302.

<u>NEPTUNE</u>: The Structure of Enlistment Incentives
(Psychological Sciences Division, Office of Naval Research)

The Structure of Enlistment Incentives: Selected Results, by Allan H. Fisher, Jr., Research Product RP-D7-74-132, January 1974.

The Endorsement of Enlistment Incentives, by Allan H. Fisher, Jr., and Leslie S. Rigg, Consulting Report, January 1974.   AD-775 916.

The Structure of Enlistment Incentives, by Allan H. Fisher, Jr., Richard J. Orend and Leslie S. Rigg, Technical Report 74-6, March 1974.   AD-777 055.

<u>NEQ</u>: Navy Exit Questionnaire (Naval Personnel Research and Development Center)

The Quality of Navy Life Inventory, by Richard J. Orend, Kenneth W. Stroad, Jr., and Marsha J. Michaels, Final Report FR-ED-77-1, 160 pp., January 1977.   AD-B044 118.

"Measuring the Quality of Navy Life," by Richard J. Orend, Robert N. Gaines, Kenneth W. Stroad and Marsha J. Michaels, paper for Military Testing Association meeting, San Antonio, Texas, October 1977; published as Professional Paper 3-78, January 1978.   AD-A056 819.

<u>NFO</u>: Revision of Naval Flight Officer Basic Training
       (Naval Training Equipment Center, Orlando, Florida)

<u>Proposed Training Objectives for Naval Flight Officers</u>, by Winon E. Corley,
Larry B. Jividen, John G. Bradley and Maurice Siskel, Jr., Interim Report
IR-CD-75-1, January 1975.

<u>Revision of Naval Flight Officer Basic Training</u>, Final Report FR-CD(P)-76-1
April 1976. AD-A060 066.

<u>Revision of Naval Flight Officer Basic Training: Naval Flight Officer Basic
Training Objectives</u>, by Winon E. Corley, Larry B. Jividen, John G. Bradley
and Maurice Siskel, Jr., Appendix A to Final Report FR-CD(P)-76-1, April
1976.   AD-A060 067.

<u>Revision of Naval Flight Officer Basic Training: Naval Flight Officer
Basic Training Material</u>, by LT John Christman (USN), Captain Stephen Mugg
(USMC), and Winon E. Corley (HumRRO), Appendix B to Final Report FR-CD(P)-
76-1, April 1976.   AD-A060 068.

NIGHTSIGHTS: Training Techniques for New Night Vision Devices
(Department of the Army)

Survey of the Utility and Difficulty of Employment of Image Intensifiers, by Donald L. Wright, Consulting Report, March 1968. (SECRET). AD-C003 544.

The Use of Image Intensifiers in Viet Nam, by Richard A. Kulp, Consulting Report, 28 pp., September 1968.

A Pilot Study of Experimenter-Subject Effect on Dark Adaptation Thresholds, by Donald L. Wright, Staff Paper, 27 pp., October 1969. AD-A085 737.

Pilot Comments on the Iroquois Night Fighter and Night Tracker (INFANT) System After Flight Training, by William L. Warnick, Consulting Report, November 1969. (CONFIDENTIAL). AD-511 363.

A Comparison of Pointing and "Instinct" Rifle Firing Under Starlight Conditions, by William L. Warnick, David L. Easley, Donald L. Wright, and William N. Gipe, Staff Paper, November 1969. AD-A082 723.

A Prototype Pictorial Program for the Iroquois Night Fighter and Night Tracker (INFANT), by Richard J. D. Frank and William L. Warnick, Research Product, 28 pp., November 1969.

A Comparison of Instructional Approaches for Training Operators of the Night Observation Device-Long Range, AN/TSS-7, by John D. Engel, Consulting Report, September 1970. AD-A065 530.

Methods for Training Ground Surveillance Radar Operators, by G. Gary Boycan, Consulting Report CR-D2-72-2, June 1972.

Effects of Information Load, Location, and Mode of Observation on Detecting and Identifying Brief Targets, by Harold P. Bishop, Technical Report 72-30, 30 pp., October 1972. AD-753 598. ED-070 926.

NIOSH-OH: Evaluation of Occupational Hazards
(Health Services and Mental Health Administration, Department of Health, Education, and Welfare)

Evaluation of Occupational Hazards: Student Materials and Instructor's Manual, Research Product, September 1972.

NSF-ED-BOOK: Publication of a Book Titled: "Learning Alternatives in U.S.
              Education: Where Student and Computer Meet" (HumRRO)

Learning Alternatives in U.S. Education: Where Student and Computer Meet,
by Beverly Hunter, Carol S. Kastner, Martin L. Rubin, and Robert J.
Seidel, Hardback Book, 1975. (Published by Educational Technology
Publications, Englewood Cliffs, New Jersey).   ED-105 808.

NSF-IDM: Research on Instructional Decision Models
          (National Science Foundation)

"Who Should Develop Instructional Materials for CAI?" by Robert J.
Seidel, presentation to Computers in Instruction Conference, Los
Angeles, CA., October 1970; issued as Professional Paper 20-71,
October 1971.   PB-208 473.   ED-058 725.

"Course Modularization Applied: The Interface System and its Impli-
cations for Sequence Control and Data Analysis," by Edward W. Schneider,
paper for Association for the Development of Instructional Systems,
Chicao, Illinois, April 1972; issued as Professional Paper 10-73,
November 1973.   PB-227 255.   ED-088 424.

Research on Instructional Decision Models, by Robert J. Seidel, Final
Report FR-D1-73-6, December 1973.   AD-A015 178.   ED-126 924.

NYSED-TO: Qualitative Review of Terminal Objectives and Approximations
           in Reading (New York State Education Department)

"Qualitative Review of Terminal Objectives in Reading," by William H.
Melching, paper for American Education Research Association meeting,
Chicago, Illinois, April 1972; issued as Professional Paper 21-74,
November 1974.   PB-238 776.   ED-099 827.

"Evaluation of Terminal Objectives in Reading," by William H. Melching,
paper for American Educational Research Association meeting, Chicago,
Illinois. April 1972.   ED-061 274.

OBSERVE: Improved Methods for Training Aerial Surveillance Personnel
           (Department of the Army)

Research on Human Aerial Observation: Interim Report, by John A. Whittenburg,
Research Memorandum, 26 pp., May 1959.

"To See or Not to See is the Problem of Task OBSERVE," in United States Army
Aviation Digest, vol. 5, no. 7, July 1959.

Research on Human Aerial Observation: Appendices to the Interim Report,
by John A. Whittenburg, Alvin L. Schreiber, CPT B. F. Richards, Research
Memorandum, September 1959.

Aerial Observer Criterion Field Test Manual, by John A. Whittenburg, John
P. Robinson, and 1st LT James M. Hesson, Subcontractors' Report, 21 pp.,
September 1959. (Subcontractor: Human Sciences Research, Inc.).

Human Aerial Observation: Final Report, by John A. Whittenburg, Alvin L.
Schreiber, John P. Robinson, and Peter G. Nordlie, Subcontractors' Report,
41 pp., September 1959.   (Subcontractor: Human Sciences Research, Inc.).

Summary Data from Field Tests of Human Aerial Observer Capability, by John
A. Whittenburg, SP4 C. Barlow, PFC K. Deveney, SP4 R. Warne, and A. Schreiber,
Subcontract'rs Report, September 1959.   (Subcontractor: Human Sciences
Research, Inc.).

A Film Test of Target Discrimination and Identification from the Air, by
John A. Whittenburg, Report, 24 pp., October 1959.

OC LEADER: Systems Engineering of Leadership Training for Officer Candidate
            Graduates (Department of the Army)

Inventory and Selection of Leadership Tasks for Training Infantry Officer
Candidates. by James A. Caviness and James A. Salter, Consulting Report,
June 1970.   AD-A026 229.

Leadership Instruction for Infantry Officer Candidates: Terminal Training
Objectives, by James A. Salter and T. O. Jacobs, Technical Report 73-16,
July 1973.   AD-769 638.

OCS: An Investigation into the Characteristics of Qualified Applicants
for Officer Candidate Schools and the High Attrition in These
Schools (Department of the Army)

The Use of an OCS Information and Attitude Questionnaire in the Preparation
of an OCS Information Manual, by Milton G. Holmen and Robert V. Katter,
Research Note, August 1952.

"A Method of Estimating the Intercorrelations Between Scales on the Strong
Vocational Interest Blank," by Milton G. Holmen, paper for Western Psychological
Association meeting, 1953.

"Some Aspects of Commonality of Social Perception," by Irving F. Richardson,
paper for Western Psychological Association meeting, 1954.

Suggestions for Use of the AFF HRU No. 2 Stanine Correlation Chart, by
Milton G. Holmen, Staff Memorandum, February 1954.

OCS Performance and Rated Efficiency in Combat Units, by Robert V. Katter,
and Milton G. Holmen, March 1954.

Interim Report on OCS Training, Selection, and Orientation Research, Interim
Report, 9 pp., April 1954.

"The Relative Efficiency of Different Types of Items in Special Purpose
Interest Tests," by Milton G. Holmen, paper for Western Psychological
Association meeting, May 1954.

"A Factor Analysis of Criterion Oriented Ratings," by Robert V. Katter,
paper for Western Psychological Association Meeting, May 1954.

Explanatory Manual for the Army Officer Candidate Applicant Assessment Program,
by Robert V. Katter, Research Product, April 1955.

OFFICE-ED: Research to Develop a Model Instructional Program in the Office
Cluster of Business Occupations (Unified School District,
Pacific Grove, Californi .)

Development and Pilot Test of a Career-Oriented, Peer-Instructional Model
in the Office Cluster of Business Occupations, by Jacklyn E. Hungerland,
Eugene R. Michaels, and John E. Taylor, Technical Report 72-28, October
1972. PB-213 136. ED-075 603.

"A Career-Oriented, Free-Flow, Peer-Instructional System," by Jacklyn E.
Hungerland, paper for California Bureau of Business Education, Los Angeles,
California, Los Angeles, CA., January 1972; issued as Professional Paper
6-73, June 1973. PB-221 830. ED-130 052.

<u>OFFTRAIN</u>: Studies in Leadership and Leadership Training
(Department of the Army)

<u>Manual for Instructors of Experimental Leadership Training</u>, Research Product,
October 1954.

"Problems in Leadership Training," by Launor F. Carter, presentation to
Army Training Officers Conference, Washington, D.C., December 1954.

<u>Manual for Instructors of Junior Officer Leadership Training</u>, Research
Product, 50 pp., March 1955.

<u>A Guide for the Use of Leadership Training Films (NCO)</u>, Research Product,
19 pp., June 1957.

"OFFTRAIN Briefing at U.S. Continental Army Command," by Francis H.
Palmer, June 1958.

"OFFTRAIN: Studies in Leadership and Leadership Training," by T. Owen Jacobs
and LTC Lyman H. Clark, briefing at Headquarters, U.S. Continental Army
Command, Fort Monroe, Virginia, December 1961.

<u>Practical Exercises: Basic Problems in Small-Unit Leadership</u>, by T. Owen
Jacobs, R.C. Rahn, and J. J. Macisco, Research Product, 258 pp., February
1962.   AD-B000 669.

<u>Instructor's Guide: Basic Problems in Small-Unit Leadership</u>, by T. Owen
Jacobs, R.C. Rahn, and C. B. Moore, Research Product, 284 pp., February
1962.   AD-B000 670.

"Leadership in Small Military Units," by T. Owen Jacobs, presentation to
Canadian Forces Headquarters Leadership Training Conference, Ottawa,
Canada, March 1965.

"Leadership Training," by T. Owen Jacobs, presentation to Canadian Army
Staff College, Fort Frontenac, Kingston, Ontario, Canada, October 1965.

<u>OKIE</u>: Impact of U.S. Military Government on the People of Okinawa
(Department of the Army)

<u>Post-War Okinawa</u>, by F. R. Pitts, W. P. Lebra and W. P. Suttles, Sub-
contractor's Report, June 1955.   (Subcontractor: Pacific Science Board,
National Research Council).

OLDER-WORKER: An Analysis of Employment Services to Older Job Seekers (Administration on Aging, Department of Health, Education and Welfare)

Employment Services for Older Job Seekers, by Thurlow R. Wilson, Deborah H. Bercini, and John A. Richards, Final Report FR-ED-78-9, 225 pp., June 1978. PB81 - 122 954. ED-159 458.

Employment and the Older Worker -- Resources for Job Seekers, by Thurlow R. Wilson, Deborah H. Bercini and John A. Richards, Paperback, 35 pp., July 1978. ED-208 251.

OPUS: Design, Develop, Implement, and Evaluate Alternative Instructional Methods (Office of Personnel Management)

Common Generic Tasks for Selected HUD Job Specialties, by Michael J. Hillelsohn and Peter Ramsberger, Special Report SR-ETSD-80-4, 13 pp., March 1980.

A Plan to Perform an Assessment of the Need for Intervention in the Implementation of the OPLANID Time Recording/Reporting System, Special Report SR-ETSD-80-6, 6 pp., April 1980.

Evaluation of the Requirements for an Instructional Technologist Occupational Series, by Michael J. Hillelsohn, Special Report SR-ETSD-80-7, 18 pp., May 1980.

Recommendations for Organizational Analysis and Training Development to Improve the HUD Claims Collection Process, Special Report SR-ETSD-80-12, 11 pp., August 1980.

Factors Affecting the Acquisition of Computers for Training in the Federal Government - Phase 1. Focus on Federal Aviation Administration, by Michael J. Hillelsohn and Robert J. Seidel, Special Report SR-ETSD-80-13, August 1980.

Handbook for Implementation of the Advanced Skills Education Program (ASEP), Research Product RP-ETSD-80-14, 137 pp., December 1980.

Preliminary Survey of Management Needs, by Joseph A. Olmstead, B. Leon Elder and Greg P. Kearsley, Interim Report IR-ETSD-80-15, December 1980.

A Survey of Bureau of Mines Employee Attitudes, by Joseph A. Olmstead, and B. Leon Elder, Interim Report IR-ETSD-81-1, January 1981.

OPUS: continued...

An Assessment of Management Needs, by Joseph A. Olmstead and B. Leon Elder,
Final Report FR-ETSD-81-3, January 1981.

A Survey of Bureau of Mines Employee Attitudes, Interim Report, January
1981.

Handbook for Implementation of the Advanced Skills Education Program (ASEP),
by Michael J. Hillelsohn and Robert J. Seidel, Research Product RP-ETSD-80-14,
April 1981.

Development and Field Test of Handbook for Implementation of ASEP, by Harold
Wagner and Michael J. Hillelsohn, Final Report FR-ETSD-81-4, April 1981.

Action Plan for an Integrated Information and Instructional System for the Army
Continuing Education System, by Robert J. Seidel and Michael J. Hillelsohn,
Research Product, 12 pp., June 1981.

Human Factors Guidelines for the FAA Interim CBI System, by Michael J.
Hillelsohn, Gregory P. Kearsley, H. McIlvaine Parsons and Robert J. Seidel,
Special Report SR-ETSD-81-8, June 1981.

"Some Problems with the Fort Bliss APL HSCP as a Model for EXCEL," by
Lydia R. Hooke, September 1981.

ORIENT: Motivation, Morale, and Leadership Division Orientation Procedures
for Airborne Trainees (Department of the Army)

A Comparison of Four Orientation Procedures for Airborne Trainees, and
Their Effect on the Trainees. 1. Success and Failure in Airborne Training
and Reasons for Attrition, by Raymond Fink, Interim Report, 13 pp., January
1953.

ORTRAIN: Oral Language Training Program
(School District of the City of River Rouge, Michigan)

The Effect of Special Oracy Instruction on the Oracy Skills of Primary Level Students, by William H. Melching and Paul G. Whitmore, Final Report FR-WD-CA-75-24, October 1975.   ED-119 274.

OSHA: HumRRO Safety Series (HumRRO)

Check List of Occupational Safety and Health Hazards, Paperback, July 1972.

OSHA-COT: Teaching for Compliance Safety and Health Officers
(Occupational Safety and Health Administration, U.S. Department of Labor)

Index of Violations of OSHA Standards, Research Product, November 1971.

Training Course for Compliance Safety and Health Officers, by A. James McKnight, Paul Loustaunau, and James D. Tschectelin, Final Report FR-D1-72-2, January 1972.   ED-115 758.

OSHA-FED: Development of Safety and Health Training Courses for Federal Departments and Agencies (Department of Labor)

Federal Training Programs for Occupational Safety and Health, Final Report RP-ED-75-16, July 1975.

<u>PACE</u>: Research Concerning Factors Relating to the Active Service and Reserve Service Performance of Project 100,000 Men and Other Military Separatees (Office of the Assistant Secretary of Defense, M&RA)

<u>Post-Service Earnings Among Men Who Separated From the Army July 1968 Through June 1969</u>, by Eli S. Flyer, Allan H. Fisher, Jr., and Larry Mitchell, Consulting Report, December 1970; published by OASD as Manpower Report No. MA 70-2, December 1970.

<u>Enlistment Motivations: A Preliminary Report of Findings</u>, by Allan H. Fisher, Jr., and Gary J. Hartzler, Report, January 1971.

<u>Factors Related to Unemployment Trends Among Men Who Separated from the Army, July 1968 Through June 1969</u>, by Eli S. Flyer, Allan H. Fisher, Jr., and Larry Mitchell, Consulting Report, January 1971; published by OASD as Manpower Report No. MA 71-1, January 1971.

<u>Factors Relating to Post-Service College Enrollment Among Army First-Term Separatees</u>, by Eli S. Flyer, Allan H. Fisher, Jr., and Larry Mitchell, Consulting Report, February 1971.

<u>Army "New Standards" Personnel: Relationships Between Literacy Level and Indices of Military Performance</u>, by Allan H. Fisher, Jr., Technical Report 71-6, 40 pp., April 1971; published by Air Force Human Resources Laboratory as TR-71-12. AD-727 764. ED-056 273.

<u>Army "New Standards" Personnel: Effect of Remedial Literacy Training on Performance in Military Service</u>, by Allan H. Fisher, Jr., Technical Report 71-7, April 1971. AD-727 765. ED-056 272.

<u>PALSWET</u>: An Investigation of Certain Variables Affecting the Results of a Group Test of Palmar Sweating (Department of the Army)

<u>The Light Transmitting Qualities of The Ferric Tannate Precipitate</u>, by Roy Gladstone, Subcontractor's Report, 1953. (Subcontractor: Oklahoma Agricultural and Mechanical College).

<u>An Investigation of Certain Variables Affecting the Results of a Group Test of Palmar Sweating</u>, Subcontractor's Report, March 1954. (Subcontractor: Oklahoma Agricultural and Mechanical College).

<u>PAR</u>:   Army Representativeness: System Analysis Modules
        (U.S. Army Research Institute for the Behavioral and
        Social Sciences)

<u>Evaluation of Army Presentation</u>,by Mark J. Eitelberg, Final Report
FR-ED-76-45, November 1976; published by ARI as TR-77-A-9,August
1977.   AD-A041 073.   ED-155 331.

<u>PARED</u>:   Parent Participation in Driver Education In-Car Instruction
        (Research for the National Highway Traffic Safety Administration,
        Department of Transportation)

<u>The Development and Testing of Parent Involvement in Driver Education</u>,
by Joel Reaser, Robin S. McBride, and Theodore Rosen, and Myron Rimm,
Technical Report 75-22, October 1975.   PB-270 196.   ED-122 056.

<u>PARIS</u>: Assessing Relevance of Indirect Services in Schools
         (National Institute of Mental Health, Department of
         Health, Education and Welfare).

<u>Assessing Relevance of Indirect Services in Schools</u>, by Elaine N. Taylor,
Robert Vineberg, and S. James Goffard, Interim Report, March 1973.

<u>Procedures for Identifying Mental Health Problems in Secondary Schools</u>,
by Elaine N. Taylor, Robert Vineberg, and S. James Goffard, Research
Product, March 1974.

<u>Summary Report of Workshop, March 1974: Procedures for Identifying
Mental Health Problems in Schools</u>, by Elaine N. Taylor, Robert Vineberg
and S. James Goffard, Report, April 1974.   ED-133 662.

<u>Procedures for Surveying School Problems: Some Individual, Group, and
System Indicators</u>, by Elaine N. Taylor, Robert Vineberg, and S. James
Goffard, Technical Report 74-22, October 1974; also published in HumRRO
Paperback Series.   ED-106 375.

"Making Consultation Services More Relevant to School Needs," by Elaine
N. Taylor paper for American Association of Psychiatric Services for
Children, New York, N.Y., November 1974.

<u>Field Trials of Instruments Designed to Survey Problems in Schools</u>, by
S. James Goffard, Elaine N. Taylor, and Robert Vineberg, Research
Product RP-WD-CA-75-18, 35 pp., August 1975.   ED-129 042.

<u>Mental Health Consultant Reports of the Field Trials of Instruments for
Surveying Problems in Schools</u>, Elaine N. Taylor and Robert Vineberg (Eds.),
Final Report FR-WD-CA-75-28, 149 pp., December 1975.   ED-170 309.

"Evaluation of Indirect Services in Schools," by Elaine N. Taylor and
Robert Vineberg, in <u>Evaluation in the Management of Human Services</u>, by
C. Clifford Atkinsson, et al; Academic Press, February 1978.

PATROL: Methods for Increasing Accuracy, Extent, and Reliability of
Information Obtained from Reconnaissance Patrols
(Department of the Army)

Results of Interviews with Combat Returnees on Reconnaissance
Patrolling, by Edward J. Green and PVT Bobby E. Palk, Staff Memorandum,
8 pp., January 1954.

"Premises for Project PATROL," by Henry E. Kelly, February 1955.

"A Preliminary Step Toward Implementation of Premises of Project
PATROL," by Joseph F. Follettie, December 1955.

Instructor's Guide, PATROL I, Individual Skills Course, Research Product,
March 1956.

Instructor's Guide, PATROL I, Reconnaissance Patrolling: A Basic Course
in Individual Skills, Research Product, August 1957.

Instructor's Guide, Task PATROL, Night Reconnaissance Patrolling Proficiency
Test, Research Product, 47 pp., November 1957.

Instructor's Guide, Task PATROL, Special Experimental Program, Research
Product, November 1957.

Instructor's Guide, PATROL II, Reconnaissance Patrolling: A Course
Stressing Integration of Basic Skills, Research Product, November 1957.

"Conditional Factors Which Delimit PATROL I (Land Navigation): A Verbal
Model," by Joseph F. Follettie, April 1958.

Instructor's Guide, PATROL I, Land Navigation: Basic Instruction,
Research Product, May 1958.

Proficiency Test Manual, PATROL I, Land Navigation: Basic Instruction,
Research Product, 238 pp., May 1958

"PATROL I, April-June 1958: Evaluation of the PATROL I-Trained Land
Navigation Performance of a Sample of Size 100 Against a Standard for
PATROL I-Defined Land Navigation Performance," by Joseph F. Follettie,
June 1958.

"Reconnaissance Foot Patrolling: A General Discussion Based on Field Ob-
servation of Training Administered by U.S. Army Rangers, Fort Benning,
GA., Summer 1958," by Frank L. Brown, September 1958.

"Reconnaissance PATROL Model," by C. F. Maloney, M. M. Mintz and F. J.
Tomcykowski, March 1959.

"The Assessment of Human Factors in Land Navigational Ability," by Theodore
R. Powers, paper for 8th Annual Army Human Factors Engineering Conference,
Fort Benning, GA., October 1962; in Proceedings in Report of Eighth Annual
Army Human Factors Engineering Conference, pg. 117-121.

<u>PERFORM</u>: Development of Performance Objectives for Critical Tasks in Eight Combat Arms MOSs (U.S. Army Research Institute for the Behavioral and Social Sciences)

<u>Development of Performance Objectives and Evaluation of Protoype Performance Objectives and Evaluation of Protoype Performance Tests for Eight Combat Arms MOSs. Volume 1: Development of Performance Objectives for Eight Combat Arms MOSs. Volume 2: Evaluation of Prototype Performance Tests</u>, by Michael R. McCluskey, Jules C. Trepagnier, Jr., Fred K. Cleary, and James M. Tripp, Final Report FR-CD(C)-75-9, October 1975; published by ARI as TR-75-A3 (Volume 1), and TR-75-A4 (Volume 2). AD-A033 546 (Volume 1), AD-A033 545 (Volume 2).

<u>PLANE</u>: Development of Maintenance Management Training for Postal Plant Engineers (U.S. Post Office Department)

<u>Development and Initial Presentation of an Advanced Maintenance Management Course for the Post Office Department</u>, by J. Daniel Lyons and Lowell W. Williams, Final Report, March 1969.

<u>PLAQUE</u>: Development of a Self-Administered Plaque Index for Children (Division of Dental Health, National Institutes of Health, Department of Health, Education, and Welfare)

<u>Development of a Self-Administered Measure of Plaque</u>, Preliminary Report, November 1972.

<u>Development and Evaluation of Self-Applied Plaque Indices for Children</u>, by Harold G. Hunter and C. Dennis Fink, Consulting Report, July 1973.

<u>Development and Evaluation of Self-Applied Plaque Indices for Children</u>, by Harold G. Hunter and C. Dennis Fink (HumRRO), and Charles L. Broring, Robert M. Morgenstein, Louis L. Lesche (Georgetown Unive sity School of Dentistry) Professional Paper 10-74, 13 pp., June 1974. PB-234 663. ED-094 137.

PLATTRAIN: Experimental Development of Procedures and Methods Designed to
             Improve the Tactical Proficiency of the Rifle Platoon
             (Department of the Army)

"The Three-Paragraph Order," by Henry E. Kelly, June 1957.

POD-SIL: Safety Instructional Laboratory
           (U.S. Postal Service)

Safety Instructional Laboratory Course Guide, Final Report FR-D1-74-1,
1974.

POST: POST Feasibility Study
        (Commission on Peace Officer Standards and Training, California
        Department of Justice)

An Analysis and Plan of Test Development for the Law Enforcement Basic
Training Course, by Robert Vineberg and John E. Taylor, Professional
Paper 1-79, 19 pp., June 1979.   PB-299 450.   ED-179 577.

POST DELTA: Additional Data Analyses in Support of the 1972 DoD
              Survey of Drug Use (U.S. Air Force Aerospace Medical
              Division)

An Empirical Typology of Drug Use in the Armed Services, by Allan H.
Fisher and Joel Reaser, Consulting Report CR-D7-72-35, November 1972.

POSTALAIDS: The Postal Service Automated Instructional Development
System (AIDS) (Headquarters, U.S. Postal Service)

"A Simulator-Based System for Training Letter Sorting Machine Operators,"
by Robert C. Trexler.

An Orientation to the Multiple Position Letter Sorting Machine Operator's
Job, Research Product (Training Scenario).

The MPLSM Operator's Job: Operating the Keyboard, Research Product (Training
Scenario).

The MPLSM Operator's Job: SWEEPER-TYING, Research Product (Training Scenario).

The MPLSM Operator's Job: Ledge-Loading, Research Product (Training Scenario).

STAL Reference Manual, Research Product, January 1976.

Task Analysis Format: MPLSM Operator Job -- Version I, by Michael Hillelsohn,
Richard Rosenblatt, Harold Wagner, Research Product RP-ED-76-4, May 1976.

Spare Parts Provisioning List for the AIDS LSM Trainer, Research Product
RP-ED-76-14, June 1976.

Task Analysis of Multiple Position Letter Sorting Machine (MPLSM) Operator's
Job, by Michael J. Hillelsohn, Richard D. Rosenblatt, and Phyllis Price,
Research Product RP-ED-76-18, June 1976.

A Plan for On-Site Mail Sampling, by Michael J. Hillelsohn, Robert J. Seidel
and Harold Wagner, Research Product RP-ED-76-25, August 1976.

Task Analysis of Multiple Position Letter Sorting Machine (MPLSM) Operator's
Job, by Michael J. Hillelsohn, Richard D. Rosenblatt, Phyllis Price, and
Robert J. Seidel, Research Product RP-ED-76-18, September 1976.

Instructional Design for MPLSM Operators' Training on the Automated Instructional
Development System (AIDS), by Michael J. Hillelsohn, Robert J. Seidel and
Harold Wagner, Research Product RP-ED-76-42, October 1976.   ED-186 016.

In-Plant/On-Site Test Plan for the AIDS LSM Trainer, by Robert J. Seidel and
Robert C. Trexler, Research Product RP-ED-76-50, February 1977.

Work Group IV Report, by Robert J. Seidel and Robert C. Trexler, Research Product
RP-ED-77-10, May 1977.

Spare Parts Provisioning List for the AIDS LSM Trainer, Research Product
RP-ED-77-11, June 1977.

POSTALAIDS: continued...

Spare Parts Provisioning List for the AIDS LSM Trainer, Research Product
RP-ED-77-11, June 1977.

Validation Study Plan, by Harold Wagner, Research Product RP-ED-77-15,
June 1977.

Computer Software Report, by Lorenzo F. Exposito, Research Product RP-ED-77-16,
June 1977.

Operation and Maintenance Manual for Automated Instructional Development
System (AIDS) LSM Trainer, Research Product RP-ED-77-13, September 1977.

Software Documentation -- Automated Instructional Development System (AIDS),
by Robert C. Trexler and Lorenzo F. Exposito, Research Product RP-ED-78-4,
March 1978.

Instructor Manual for AIDS-MPLSM Operator Course, by Michael J. Hillelsohn,
Research Product RP-ED-78-5, January 1978.

Automated Instructional Development System: Validation Study, by Harold
Wagner, Robert C. Trexler, Michael J. Hillelsohn, Robert J. Seidel,
Research Product RP-ED-78-6, March 1978.

Operation and Maintenance Manual for Automated Instructional Development System
(AIDS) LSM Trainer, Research Product RP-ED-78-8, March 1978.

162

<u>PREDICT</u>:   Prediction of Training and Operational Performance of Army Aviators
          (Department of the Army)

"Human Factors in Airmobility," by Wallace W. Prophet, presentation to Army
Scientific Advisory Panel, Fort Rucker, Alabama, May 1969; issued as
Professional Paper 31-69, October 1969.   AD-697 081.

"Multivariate Performance Prediction," by James W. Dees, paper for Southeastern
Psychological Association meeting, Atlanta, Georgia, April 1972.

<u>Mathematical Prediction of Student Performance at Fort Rucker</u>, by James W.
Dees, Research Product, August 1972.

"Complex Intellect vs the IQ as a Predictor of Performance," by James W.
Dees, paper for Mid-South Educational Research Association, New Orleans,
LA., November 1972.

<u>PREDICT User Manual</u>, by James W. Dees, Research Product, November 1972.

<u>Multivariate Extrapolation of Training Performance</u>, by James W. Dees and
L. Paul Dufilho, Technical Report 75-16, June 1975.   AD-A014 315.   ED-115 666.

<u>PREMOD</u>:   Preparation of Motivational Development Workshops
          (U.S. Army Air Defense Center, Fort Bliss, Texas)

<u>Management by Objectives Workshop</u>, by John P. Fry, William H. Melching
and Susan M. Larson, Research Product RP-WD(TX)-73-2 (Student Manual),
November 1973.

<u>Behavior Management Workshop</u>, by Paul G. Whitmore, Research Product
RP-WD)TX)-73-3 (Student Manual), November 1973.

<u>PREP-MPC</u>:   The Monterey Peninsula College Transition-Prep Program
            (Monterey Peninsula College)

"HumRRO Can Start Your PREP Program for You," by Hilton M. Bialek, paper for
Conference on Programs for Servicemen and Veterans, Washington, D.C.,
February 1971.

"The PREP Program at Monterey Peninsula College," by Hilton M. Bialek,
paper for American Association of Junior Colleges, Washington,D.C.,
March 1971; issued as Professional Paper 10-71, June 1971.   AD-731 647.
ED-055 582.

<u>PREP at Monterey Peninsula College: Report of the First Year</u>, Research Product
RP-D3-71-4, December 1971.

<u>PRETAC</u>:   The Derivation of a Standardized System for Unit Performance
            Objectives (Department of the Army)

<u>The Validation of the Task Inventory of the Tank Company, Platoon, and
Crew and the Development of Conditions and Standards of the Task Inventory
(Volumes 1 and 2)</u>, by William L. Warnick, Richard E. O'Brien, Ronald E.
Kraemer, Richard D. Healy, and Roy C. Campbell, Research Product RP-D2-74-3,
June 1974.   AD-A015 599 (Volume 1).   AD-A015 600 (Volume 2).

<u>Procedures for the Derivation of Mission-Relevant Unit Task Statements</u>,by
Richard E. O'Brien, Ronald E. Kraemer, and Donald F. Haggard, Technical
Report 75-4, May 1975.   AD-A012 673.

<u>Critical Incidents as Reported by Veterans of Armored Combat</u>, by John A.
Boldovici, Ronald E. Kraemer, Jack R. Reeves and Richard D. Healy,
Final Report, June 1975.   AD-A080 986.

<u>Specifying and Measuring Unit Performance Objectives</u>, by John A. Boldovici
and Ronald E. Kraemer, Final Report, June 1975.   AD-A081 014.

"Reliability in Measuring Unit Performance," by John A. Boldovici, William
C. Osborn, and James H. Harris, paper for Military Testing Association
meeting, San Antonio, Texas, October 1977; included in Professional Paper
4-78, <u>Military Testing: Knowledge and Skills: Criticality and Reliability</u>.
AD-A054 953.

PREVENT: Military Educational Approaches to the Prevention of Non-Therapeutic
Use of Drugs (Department of the Army)

Educational Approaches to the Prevention of Non-Therapeutic Use of Drugs
by Richard E. Kriner, David C. Routenberg, and Carol L. Seabright, Technical
Report 73-11, May 1973.   AD-769 634.   ED-079 640.

PREVENT: A Handbook for Developing Drug Education Programs, by Richard E.
Kriner and Carol L. Seabright, Research Product, June 1973.

"A Look at Some Current Drug Abuse Prevention Programs," by Carol L. Seabright,
in Journal of Education, vol. 3, no. 2, Summer 1973; issued as Professional
Paper 12-73, December 1973.   AD-776 170.

PRINCETON: Consulting Services to Princeton High School, Cincinnati Ohio
(Cincinnati Ohio Public Schools)

Princeton High School: A Needs Analysis, by T.O. Jacobs, A. J. Kraemer,
P.G. Whitmore, and Jane V. Lee, Consulting Report CR-D4-71-28, June 1971.
ED-128 915.

PRISM: Procedures for Individualized Instruction System Management
(Department of the Army)

Individualized Course Completion Time Predictions: Development of Instruments
and Techniques, by Harold Wagner, Richard D. Behringer, and Currell L. Pattie,
Technical Report 73-25, 51 pp., November 1973.   AD-772 992.   ED-088 423.

Computer Simulation as an Aid to Managers of Training, by Harold Wagner
and Patrick J. Butler, Technical Report 73-34, December 1973.   AD-776 138.
ED-088 506.

<u>PROGMOD</u>: Consulting Services in Support of Performance of an Army Contract
(Integrated Systems Support, Inc., System Development Corporation)

<u>A Production Environment Evaluation of Interactive Programming</u>, by Joel
Reaser, I. Priesman, and J. Gill, Final Technical Report, December 1974.

<u>Interactive Programming: Summary of an Evaluation and Some Management
Considerations</u>, by Joel Reaser, and John C. Carrow, Final Technical
Report, March 1975.

<u>PROLEAD</u>: Research on the Methodology of Leadership Training
(Office of Naval Research)

<u>Leadership Training: The State of the Art</u>, by Joseph A. Olmstead, Technical
Report 80-2, October 1980.   AD-A091 809.   ED-195 756.

<u>PROP</u>: Peninsula Regional Occupational Project   (Monterey Peninsula College,
Monterey, California)

<u>District Plans for Vocational Education Under the Provisions of The Vocational
Education Act of 1968 (P.L. 90-576)</u>, Report, May 1969.

<u>PROTECT</u>: The Performance of Military Personnel Wearing Protective Masks
(Department of the Army)

"Briefing on Task PROTECT: The Effects of the Protective Mask on Individual
Combat Skills," by William E. Montague, Briefing Materials, November 1958.
AD-A020 142.

PSYFREE: Communist Indoctrination and Use of Prisoners of War for Psychological
          Warfare Operations (Department of the Army)

Summary of an Analysis of Interrogation Data from "LITTLE SWITCH," by
Grace Malakoff, Report.

Summary of LITTLE SWITCH, by Grace Malakoff, Information Report, July
1953.   (SECRET).

Communist Use of Prisoners of War: A Framework for Document Analysis,
by Grace Malakoff, Information Report, August 1953.   (CONFIDENTIAL)

A Training Program for the UN "Explainer" Group in Korea, Memorandum,
March 1954.

Bibliography of Unclassified Publications on U.S. Prisoners of War in
North Korea, by Neil Kabtchnick, Information Report, June 1954.

Contacts with Alan Winnington, Monica Felton, and Wilfred Burchette Reported
by United Nations Prisoners of War in North Korea, July 1950-August 1953,
Information Report, June 1954.

"Communist Indoctrination and Use of Prisoners of War for Psychological
Warfare Purposes," by Julius Segal, October 1954.   (CONFIDENTIAL)

A Study of the POW Experience of a Specific National Group, by Milton
Kovner, Interim Report, March 1955. (CONFIDENTIAL).   AD-379 525.

PSYJOB: Determination of Training Requirements for Propaganda Personnel
         (Department of the Army)

"Propaganda Objectives in Psychological Warfare," by Lawrence E. Schlesinger,
1956.

PURFECT: A Study of Functions Performed by Battalion Command and Control
          Teams (U.S. Army Research Institute for the Behavioral and Social
          Sciences)

Functions of Battalion Command Groups, by Joseph A. Olmstead, Fred K. Cleary,
and James A. Salter, Final Technical Report, November 1975.   AD-A052 760.

<u>QUIZ</u>: Psychological Techniques for Facilitating and Countering Interrogative Processes (Department of the Army)

<u>Survey of Soldiers' Reactions to the Code of Conduct</u>, by Hilton M. Bialek, Jerald N. Walker, Joanne J. Hood, Mark B. Silver, Arnold Kohn, and Robert Rapple, Research Memorandum, March 1962.   AD-A020 008.

<u>Training Aspects of the Code of Conduct for Members of the Armed Forces of the United States</u>, by Richard L. Krumm, Subcontractor's Report, March 1962. (Subcontractor: American Institutes for Research).

RADAR: Training of Radar Operators and Maintenance Personnel
(Department of the Army)

A Bibliography of Human Factors in Radar Operation and Maintenance, by
Abraham M. Barch, Donald F. Haggard, H. Seiden, Robert Vineberg, and
George J. Wischner, Staff Memorandum, September 1953. AD-481 399.

Some Observations of Radar Mechanics at a Nike Battalion, by Eugene A.
Craig, Interim Report, March 1955. AD-A021 507.

The AAFCS M-33 Radar: A Study of Operating Procedures, by J. Daniel
Lyons and Donald F. Haggard, Interim Report, April 1955.

HumRRO Proficiency Testing of Special Army and RCA M-33 Programs of
Instruction, by Robert Vineberg, Interim Report, October 1955.

"A Statistical Test for Differences Between Subtest Weights in Cross-
Validation Studies," by Robert D. Baldwin, in Psychometrika, 1956.

AAFCS M33 Technician Training Program. Volume 1: Operation Orientation,
Research Product, June 1958. AD-A071 773.

AAFCS M33 Technician Training Program. Volume 2: Electronic Fundamentals,
Research Product, June 1958. AD-A071 775.

AAFCS M33 Technician Training Program. Volume 3: Acquisition Radar,
Research Product, June 1958. AD-A071 774.

AAFCS M33 Technician Training Program. Volume 4: Track Radar, Research
Product, June 1958. AD-A071 776.

AAFCS M33 Technician Training Program. Volume 5: Computer, Research
Product, June 1958. AD-A071 777.

AAFCS M33 Technician Training Program. Volume 6: Maintenance and Supply
Procedures, Research Product, June 1958. AD-A071 778.

"Multiple Correlation and the Selection of Predictor Variables," by Harry
E. Anderson, Jr., in Psychometrika, 1960.

"Aptitude and Course Achievement in a Short Missile Technician," by Harry
E. Anderson, Jr., Journal of Experimental Education, 1960.

<u>RAID</u>: Methods for Improving the Effectiveness of Small Groups Under Stress
          (Department of the Army)

<u>Summary of Human Factors Relevant to the Training of Long Range Reconnaissance
Patrol Companies in Seventh Army</u>, by Donald B. Murphy, Seward Smith and Ladd
Wheeler, Consulting Report, January 1963.

<u>Imitative Behavior: Contagion and Conformity</u>, by Ladd Wheeler, Seward Smith,
and Donald B. Murphy, Research Memorandum, November 1963.

<u>RAMP</u>: A Study of Training and Field Activities of Army Aircraft Maintenance
          Personnel (Department of the Army)

<u>Summary Report of Activities of USAREUR Aircraft Maintenance Personnel</u>, by
David Angell, Report, 17 pp., February 1959.   AD-A950 119.

<u>A Survey of Activities of Aircraft Maintenance Personnel</u>, by George H. Brown,
David Angell, Robert E. Anneser, Research Memorandum, October 1962.   AD-A033 965.

<u>RANGEFINDER</u>: A Study of Training and Selection of Stereoscopic Range Finder
               Operators for Armor (Department of the Army)

<u>Job Analysis Schedule of Tank Range Finding</u>, by Norman Willard, Jr., Staff
Memorandum, February 1953.   (CONFIDENTIAL).

<u>Preliminary Report on the Evaluation of the Three-Dimensional Device for
Use with the T41 Stereoscopic Range Finder</u>, by Norman Willard, Jr.,
Report, July 1953.   (CONFIDENTIAL).

"Some Aspects of Tank Stereoscopic Range Finder Performance," by Norman Willard,
Jr., and Howard C. Olson, paper for 33rd AF-NRC Vision Committee meeting,
November 1953.

<u>A Study of Training of Stereoscopic Range Finder Operators for Armor</u>, by
Norman Willard, Jr., Howard C. Olson, Robert D. Arnold, Technical Report
36, February 1957.   (CONFIDENTIAL).   AD-124 807.

Norman Willard, Jr., Howard C. Olson, and Robert D. Arnold, Technical
Report 36, February 1957.

REACTION: Public Attitudes About Hazardous Wastes and Hazardous Waste
          Disposal Sites (U.S. Environmental Protection Agency)

Public Attitudes Toward Hazardous Waste Disposal Facilities, by Larry L.
Lackey, T. Owen Jacobs and Steven R. Stewart, Technical Report 74-8,
June 1973.   PB-223 638.

READ: Studies of Morale and Motivation Factors Influencing Effectiveness of
       Individual Soldiers: Evaluation of the Basic Education Program
       (Department of the Army)

"Opinions of Enlisted Cadre at Fort Leonard Wood on Problems of Education
in Basic Training, and of the Basic Education Project," by S. James
Goffard, 1954.

Basic Education and Military Proficiency: Phase I and II, by S. James
Goffard, Staff Memorandum, July 1954.   AD-A012 749.

Basic Education and Military Proficiency: Phase III, by S. James Goffard,
Staff Memorandum, January 1955.   AD-A012 750.

<u>READNEED</u>: Methodology for Evaluating Reading Requirements of Army Jobs
(Department of the Army)

"Functional Literacy: Identification of Adult Reading Tasks as Target
Objectives for Reading Instruction," by Thomas G. Sticht, paper for
American Educational Research Association, April 1972.

"Development and Evaluation of Job Reading Task Tests," by Thomas G.
Sticht and John S. Caylor, paper for American Educational Research
Association, April 1972.

"Development of a Simple Readability Index for Job Reading Material,"
by John S. Caylor and Thomas G. Sticht, paper for American Educational
Research Association, February 1973.   ED-076 707.

<u>Methodologies for Determining Reading Requirements of Military Occupational
Specialties</u>, by John S. Caylor, Thomas G. Sticht, Lynn C. Fox and J.
Patrick Ford, Technical Report 73-5, March 1973.   AD-758 872.   ED-074 343.

<u>Job-Related Reading Tasks: Teaching Marginally Literate Adults to Read</u>, by
Thomas G. Sticht, John S. Caylor and James H. James, Professional Paper 10-78,
21 pp., October 1978.   ED-163 189.

"Job Related Reading Tasks for Adults," by Thomas G. Sticht and John S.
Caylor, included in Professional Paper 10-78, <u>Job-Related Reading Tasks</u>:
<u>Teaching Marginally Literate Adults to Read</u>, October 1978.   ED-163 189.

<u>READWRITE</u>: Conference on Reading and Readability Research in the Armed
Services (Office of Naval Research)

<u>Report on the Conference on Reading and Readability Research in the Armed
Services: Conference Report</u>, by Thomas G. Sticht, Interim Report
IR-WD-CA-75-29, 23 pp., November 1975.

<u>Reading and Readability Research in the Armed Services</u>, by Thomas G. Sticht,
Diana Welty Zapf, Final Report FR-WD-CA-76-4, 335 pp., September 1976.
AD-A034 730.   ED-130 242.

REALISTIC: Determination of Reading, Listening, and Arithmetic Skills Required for Major Military Occupational Specialties (Department of the Army)

"Learning by Listening," by Thomas G. Sticht, in Language Comprehension and the Acquisition of Knowledge, Roy O. Freedle and John B. Carroll (Eds.), V. H. Winston and Sons, Inc., pp 285-314.

"Project REALISTIC: Evaluation and Modification_of REAdino, LIStening, and ArithmeTIC Needs in Military Jobs Having Civilian Counterparts," by Thomas G. Sticht, John S. Caylor, and Richard P. Kern, presentation to Western Psychological Association meeting, Los Angeles, CA., April 1970; issued as Professional Paper 19-71, September 1971.   AD-735 040. ED-057 334.

"Reducing Discrepancies Between Literacy Skills Levels of Personnel and Literacy Demands of Jobs," by Thomas G. Sticht, presentation to Western Psychological Association meeting, Los Angeles, CA., April 1970; included in Professional Paper 19-71, September 1971. AD-735 040.   ED-057 334.

"Overview of Project REALISTIC," by Thomas G. Sticht, presentation to Western Psychological Association meeting, Los Angeles, CA., April 1970; included in Professional Paper 19-71, September 1971.   AD-735 040. ED-057 334.

"Psychometric Determination of Relationships Between Literacy Skills and Job Performance," by John S. Caylor, presentation to Western Psychological Association meeting, Los Angeles, CA., April 1970; included in Professional Paper 19-71, September 1971.   AD-735 040.   ED-057 334.

"Reading Ability, Readability, and Readership: Identifying Job-Related Reading Tasks Performed by Cooks, Clerks and Mechanics," by Richard P. Kern, presentation to Western Psychological Association meeting, Los Angeles, CA., April 1970; included in Professional Paper 19-71, September 1971. AD-735 040. ED-057 334.

"Failure to Increase Learning Using the Time Saved by the Time-Compression of Speech," by Thomas G. Sticht, in Journal of Educational Psychology, vol. 62, no. 1, February 1971.   JSAS MS. No. 244-4.

"Project REALISTIC: Identifying Vocational Literacy Requirements," by Thomas G. Sticht, paper for American Educational Research Association, New York, N. Y., February 1971.

"Effects of Speech Rate, Selection Difficulty, Association Strength, and Mental Aptitude on Learning by Listening," by Thomas G. Sticht (HumRRO) and Douglas R. Glasnapp (University of Kansas), paper for American Educational Research Association, New York, N. Y., February 1971; in Journal of Communication, vol. 22, no. 2, June 1972; issued as Professional Paper 1-73, January 1973.   AD-762 692. ED-048 548.

REALISTIC: continued...

"Project REALISTIC: Identifying Vocational Literacy Requirements as Targeted Skill Levels for Adult Basic Education," by Thomas G. Sticht and John S. Caylor, presentation to Seventeenth International Congress of Applied Psychology, Liege, Belgium, July 1971.

Determination of Literacy Skill Requirements in Four Military Occupational Specialties, by Thomas G. Sticht, John S. Caylor, Richard P. Kern, and Lynn C. Fox, Technical Report 71-23, November 1971. AD-736 865. ED-059 028.

"Mental Aptitude and Comprehension of Time-Compressed and Compressed-Expanded Listening Selections, " by Thomas G. Sticht, in Journal of Auditory Research, vol. 10, 1970, pp 103-109; issued as Professional Paper 6-72, March 1972. AD-473 274. ED-066 080.

"Selection Testing for Job Proficiency: Some Illustrated Empirical Problems in Assessing Fairness," by John S. Caylor, paper for American Psychological Association, September 1972.

"Project REALISTIC: Determination of Adult Functional Literacy Skill Levels," by Thomas G. Sticht, John S. Caylor, Richard P. Kern, Lynn C. Fox, in Reading Research Quarterly, vol. 7, no. 3, pp 424-465; issued as Professional Paper 20-72, September 1972. AD-755 293.

"HumRRO's Literacy Research for the U.S. Army: Progress and Prospects," by Thomas G. Sticht, John S. Caylor, Lynn C. Fox, Robert Hauke, James H. James, Steven S. Snyder, and Richard P. Kern, presentation to Headquarters, U.S. Continental Army Command, Fort Monroe, VA., October 1972; issued as Professional Paper 2-73, January 1973. AD-758 435. ED-073 369.

HumRRO's Literacy Research for the U.S. Army: Developing Functional Literacy Training, by Thomas G. Sticht, John S. Caylor, Lynn C. Fox, Robert N. Hauke, James H. James, Steven S. Snyder, and Richard P. Kern, Professional Paper 13-73, December 1973. AD-776 376.

"Mentally Marginal Men (MMM): Information Processing Skills of the 'Last Hired and First Fired'," by Thomas G. Sticht, paper for American Educational Research Association, Chicago, Illinois, April 1974.

"Maybe They Can't Read the Manual," in Training in Business and Industry, June 1974.

"Auding and Reading Skills in Children and Marginally Literate Men: Implications for ABE," by Thomas G. Sticht and James H. James; included in Professional Paper 10-78, Job-Related Reading Tasks: Teaching Marginally Literate Adults to Read, October 1978. ED-163 189.

REASSESS: Research on Utilization of Assessment Results and Methods
(U.S. Army Research Institute for the Behavioral and
Social Sciences)

Feasibility of Assessment Methods for Leadership Training, by Larry L. Lackey and Joseph A. Olmstead, Interim Report IR-D4-73-19, December 1973.

The Relevance of Infantry School Curricula to Assessment Dimensions, by Harold E. Christensen, Interim Report IR-D4-74-2, January 1974.

Results of Study of Potential Uses of Assessment Results by Infantry School, by Harold E. Christensen, Interim Report IR-D4-74-10, April 1974.

Research on Utilization of Assessment Results and Methods, by Joseph A. Olmstead, Larry L. Lackey, and Harold E. Christensen, Final Report FR-D4-74-18, June 1974.   \D-A093 389.   ED-128 439.

A Program for Teaching Fundamentals of Personnel Assessment, by Joseph A. Olmstead and James A. Salter, Interim Report IR-D4-74-13, May 1974.

Student Text, Selected Aspects of Leadership, by Larry L. Lackey, Research Product RP-D4-74-14, May 1974.

Instructor's Manual, Selected Aspects of Leadership, by Larry L. Lackey, Research Product RP-D4-74-15, May 1974.

Student Text, Fundamentals of Personnel Assessment, Research Product RP-D4-74-6A, June 1974.

Instructor's Guide for Fundamentals of Personnel Assessment, Research Product RP-D4-64-6B, June 1974.

RECON: Training Methods and Techniques for Improving Combat Readiness of the
Armored Cavalry Platoon (Department of the Army)

"Magnitude Estimation of Average Length and Average Inclination, by
Arthur Miller and Richard Sheldon.

Development and Evaluation of a Pictorial Instructional Program for the
M-73 Machine Gun, by J. Roger Ware and J. L. Constantinides, Staff Paper,
April 1966.

Pictorial Methods of Instruction for the M-73 Machine Gun and the Caliber
.45 Automatic Pistol, by J. Roger Ware, Elmo E. Miller and J. L. Constantinides,
Consulting Report, December 1968.   AD-701 910.

Instructor Appraisal of the Armored Cavalry Trainer for Scout Training,
by J. Roger Ware, Consulting Report, August 1969.

RECRUIT: Research on Recruiting (Department of the Army)

Position Paper: Research Necessary to Improve the Prediction of Army
Enlistments and to Assist in Design of Army Advertising and of Monitor-
ship of the Effectiveness of Army Advertising, by Allan H. Fisher, Jr.,
Research Product, March 1973.

PROSLAB: A Method for Pretesting Printed Army Recruiting Advertisements,
by Thurlow R. Wilson and Theodore H. Rosen, Consulting Report, May 1973.
AD-A043 743.

Army Recruiters: Criterion Development and Preliminary Validation of a
Selection Procedures, by George H. Brown, Mark D. Wood and John D. Harris,
Final Report FR-ED-75-8, 44 pp., April 1975; published by ARI as TR 78-B6,
May 1978.   AD-A077 993.

A Pilot Study of Army Recruiters: Their Job Behaviors and Personal
Characteristics, by Warren R. Graham, George H. Brown, William L. King,
Lenore White, and Mark D. Wood, Final Report FR-ED-75-9, April 1975;
published by ARI as TR 79-B2, March 1979.   AD-A075 202.

Assessing Reenlistment Eligibility: A Preliminary Examination of Some New
Reenlistment Criteria, by Richard J. Orend and Richard E. Krimer, Special
Report SR-ED-75-11, May 1975.   AD-A015 472.

A Further Examination of Enlistment Motivation and the Disposition of Army
Applicants, by Richard E. Kriner, Richard J. Orend and Leslie S. Rigg,
Technical Report 75-15, June 1975.   AD-A012 682.   ED-110 826.

<u>RECRUIT-ENLIST</u>: Enlistment Motivation and Disposition of Army
                        Applicants (Department of the Army)

<u>Concepts in the Study of Enlistment Motivation and Disposition of</u>
<u>Army Applicants (Revised)</u>, by Allan H. Fisher, Jr., Joel M. Reaser,
and Margi A. Harford, Research Product RP-D7-73-38, February 1973.

"A Model for Maximizing Incentive Effect in the Recruiting Interview,"
by Joel M. Reaser, October 1973.

<u>Enlistment Motivation and the Disposition of Army Applicants</u>, by
Allan H. Fisher, Jr., and Margi R. Harford, Technical Report 74-5,
March 1974.   AD-776 973.   ED-131 238.

<u>REEVE</u>: The Reenlistment Evaluation (U.S. Army Research Institute for the
           Behavioral and Social Sciences)

<u>Reenlistment Evaluation: A Study of the Army Reenlistment System and</u>
<u>Evaluation of Current and New Reenlistment Standards</u>, by Richard J.
Orend, Christine Bernardeau, Theodore Rosen and Myron Rimm, Final Report
FR-ED-76-32, 44 pp., September 1976.   AD-A070 722.

<u>REFILL</u>: Survey Investigations in Foreign Language Learning
           (Department of the Army)

"What is the Audio-Lingual Method?" by George H. Brown, May 1966.

177

<u>REFLECT</u>: Flight Trainer Requirements in Army Aviation Pilot Training
            (Department of the Army)

"Relative Training Effectiveness of the Link 1-CA-1 Flight Trainer and the Curtiss-Wright Basic Instrument Flight Simulator (Device 2B5) in the Army Advanced Instrument Training Program," undated.

<u>A Preliminary Training Study of the H-34 Cockpit Procedures Trainer</u>, by Maurice Siskel, Jr., and Wayne D. Smith, Research Memorandum, October 1960.   AD-489 301.

"Relative Training Effectiveness of the Link 1-CA-1 and 2-B-12 Flight Trainers in the U.S. Army Aviation School Officer Fixed Wing Aviator Course (Phase C)," 1961.

<u>REGEN</u>: Response Generalization as a Factor in Skill Acquisition
           (Department of the Army)

<u>The Relationship Between Size of Target Area Designated as Bullseye During Training on a Rifle Firing Task and Subsequent Marksmanship Performance</u>, by Merrell E. Thompson (University of Arkansas), Final Report, June 1956.   (Subcontractor: College of Arts and Sciences, University of Arkansas).

RELAY: The Impact of Military Service on Occupational Aspirations and
        Development of Skills (U.S. Air Force)

Research Design: Special Survey of Work Experience and Post-Service
Plans, Research Product, May 1971.

Special Survey of Work Experience and Post-Service Plans, Research
Product, May 1971.

Recruits' Civilian-Acquired Skills: Their Potential Value and Their
Utilization in Initial Military Assignments, by Arthur J. Hoehn,
Thurlow R. Wilson and John A. Richards, Technical Report 72-6,
February 1972; published by U.S. Air Force Human Resources Laboratory
as TR 72-16.   AD-748 326.

Recruits' Military Preferences and Their Accommodation by the Military
Services, by Arthur J. Hoehn, Thurlow R. Wilson and John A. Richards,
Technical Report 72-10, March 1972; published by U.S. Air Force Human
Resources Laboratory as TR 72-19.   AD-749 884.   ED-103 675.

Recruits' Postservice Occupational and Educational Plans: Nature and
the Extent of Influence From Early Military Experience, by Arthur J.
Hoehn, Technical Report 72-15, April 1972; published by U.S. Air Force
Human Resources Laboratory as TR 72-28.   AD-750 145.   ED-103 673.

Postservice Occupational and Educational Plans of First-Tour Military
Personnel Nearing Separation from the Service, by Arthur J. Hoehn,
Technical Report 72-19, May 1972; published by U.S. Air Force Human
Resources Laboratory as TR 72-42.   AD-751 488.   ED-103 674.

REPLACE: An Exploratory Investigation of the Relationship Between Time in
          Combat and Casualty Rates of Korean Veterans (Department of the Army)

An Exploratory Investigation of the Incidence of Combat Casualties Among
Veteran and Replacement Troops, by Rita Hausknecht, Staff Memorandum,
July 1955.

An Exploratory Investigation of the Incidence of Combat Casualties Among
Veterans and Replacement Troops, Report, April 1958.

REPRESENT: U.S. Army Representativeness According to the National
Longitudinal Survey (U.S. Army Research Institute for the
Behavioral and Social Sciences)

U.S. Army Representativeness According to the National Longitudinal Survey:
Progress Report, by Agnes Purcell, Richard Eisenman, Mark Eitelberg and Jack
Hicks, Interim Report. October 1975.

Army Representativeness: The National Longitudinal Study, by Agnes C.
Purcell, Richard L. Eisenman, and Mark J. Eitelberg, with Jack M. Hicks
(ARI), Special Report SR-ED-76-1, January 1976.   AD-A024 274.   ED-126 133.

RESOLVE: Procedures for Construction and Use of War Game-Like Exercies
for Training in Decision Making (U.S. Continental Army Command)

"RESOLVE: The Construction of Exercises for Training in Decision Making,"
by C. Dennis Fink, October 1962.

RESOURCE: Instrumentation for Improving Agency Administration
           (Social and Rehabilitation Service, Department of Health,
           Education and Welfare)

Plan for Development of Instructional and Self-Help Materials for Income-Maintenance Agencies, Report, undated.

The Impact of Agency Type, Size, and Demographic Characteristics Upon Work Context and Attitudes: An Additional Analysis, by Joseph A. Olmstead and Harold E. Christensen, Special Report SR-D4-74-22, 177 pp., October 1974.

Study of Agency Work Contexts: Program Application Reports, National Study of Social Welfare and Rehabilitation Workers, Work and Organization Contexts, by Joseph A. Olmstead and Harold E. Christensen, Professional Paper 18-74, November 1974. ED-102 484.

Instructor's Manual for Administrator Course: Agency Development Program. Volume I, Research Product, 1975.

Administrator Instructor's Manual: Agency Development Program. Volume II, Appendices, Research Product, 1975.

Manual for the Program for Analyzing Agency Work Contexts, Research Product, 1975.

Manual for the Work-Group Evaluation Form, Research Product, 1975.

Administrator Student Text: Agency Development Program, Research Product, 1975.

Supervisor Student Text: Agency Development Program, Research Product, 1975.

Manual for the Administrator Activities Checklist, Research Product, 1975.

Manual for the Supervisor Activities Checklist, Research Product, 1975.

Manual for the Administrator Self-Evaluation Form, Research Product, 1975.

Manual for the Supervisor Self-Evaluation Form, Research Product, 1975.

Manual for the Agency Evaluation Form, Research Product, 1975.

Effects of Work Contexts in Public Welfare Financial Assistance Agencies. Volume I: Summary and Implications. Volume II. Technical Report. Volume III. Technical Appendices, by Joseph A. Olmstead, Harold E. Christensen, James A. Salter and Larry L. Lackey, Final Report FR-CD(C)-75-7, July 1975.

RETAIN: Retention of Flying Skills: Review of Behavioral Science Literature
          Pertinent to SABER WINGS II (U.S. Air Force Office of Scientific
          Research)

Long-Term Retention of Flying Skills: A Review of the Literature, by
Wallace W. Prophet, Final Report FR-ED(P)-76-35, October 1976.   AD-A036 077.
ED-153 040.

Long-Term Retention of Flying Skills: An Annotated Bibliography, by
Wallace W. Prophet, Final Report FR-ED (P)-76-36, October 1976.
AD-A036 114.

RETURN: Prerelease Indicators for Military Prisoners
          (Department of the Army)

A Partially Annotated Bibliography on Prediction of Parole Success
and Delinquency, by Robert L. Dyer and James H. Harris, Research
Product RP-D2-72-1, 206 pp., March 1972.   AD-755 507.   ED-113 653.

REVIEW: Human Factors Problems in Army Intelligence Training and
          Operations (Department of the Army)

A Survey of Human Factors Problems in Army Intelligence Training and
Operations, Staff Memorandum, 32 pp., February 1958.   AD-C003 561.
(CONFIDENTIAL).

<u>RIFLEMAN</u>: Improvement of the Combat Proficiency of the Light Weapons Infantryman (Department of the Army)

<u>Reconnaissance Study Automatic Hit Counting Devices</u>, Task Paper No. 1, March 1959.

Exploratory Study on the New Light Weight Automatic Weapons, by Floyd N. Berlant, Task Paper No. 2, March 1959.

"The Motivation of Competition," by COL Henry E. Kelly,(USA, Ret.), June 1960.

"Move or Dig," by COL Henry E. Kelly (USA, Ret.), September 1960.

"The Poor Man's Atomic Sand Table," by COL Henry E. Kelly (USA, Ret.), October 1960.

"IFF--Friend or Foe," by COL Henry E. Kelly, (USA, Ret.), May 1961.

"Machine Gun Final Protective Fires," by COL Henry E. Kelly, (USA, Ret.), May 1961.

"Tactical Training Gaps," by COL Henry E. Kelly, (USA, Ret.), February 1962.

"The 'Tailor-Made' Foxhole," by COL Henry E. Kelly, (USA, Ret.), March 1962.

"Evaluating Proficiency in the Use and Maintenance of Infantry Weapons," by Thomas F. Nichols and Joseph S. Ward, paper for Eighth Annual Army Human Factors Engineering Conference, Fort Benning, Georgia, October 1962.

"The Assessment of Human Factors in Land Navigational Ability," by Theodore R. Powers, paper for Eighth Annual Army Human Factors Engineering Conference, Fort Benning, Georgia, October 1962.

<u>Recommended Changes for Squad Combat Formations</u>, by Nelson I. Fooks, Report, May 1963.

<u>Suggested Quick Fire Training</u>, by Nelson I. Fooks, Consulting Report, 19 pp., July 1965.

<u>A Study of Current Doctrine on Fire Distribution for the Rifle Squad</u>, by Joseph S. Ward, Nelson I. Fooks and Morris Showel, Staff Paper, January 1966.

RINGER: Fidelity Requirements for Training Devices
          (Department of the Army)

Functional Requirements of Training Devices for Fixed Procedure
Tasks, by Lynn M. Boren, John A. Cox, and Robert O. Wood, Jr.,
Research Memorandum, 35 pp., July 1963.

Some Research Findings on Fidelity of Training Devices for Fixed
Procedures Tasks, by John A. Cox, Robert O. Wood, Lynn M. Boren,
and H. Walter Thorne, Research Report, 99 pp., July 1964.

Feasibility Study of Substituting Training Devices for Tactical
Equipment in Advanced Individual Training for MOS 179, by John A.
Cox, Consulting Report, 12 pp., January 1965.

RIVER ROUGE: Special In-Service Instruction
          (River Rouge, Michigan School District)

In-Service Teacher Training Workshops: River Rouge School District,
Summer 1970, Research Product, July 1970.

Report of In-Service Teacher Training Workshops in Classroom Management,
by William H. Melching, E. Wayne Frederickson and Paul G. Whitmore,
Consulting Report, August 1970.

Introducing Innovation in Instruction: In-Service Teacher Workshops
in Classroom Management, by William H. Melching, Edward W. Frederickson,
and Paul G. Whitmore, Technical Report 70-104, November 1970.   AD-730 959.
ED-048 098.

"Report of In-Service Teacher Training Workshops in the Management of
Classroom Behavior," by Paul G. Whitmore, Edward W. Frederickson, William
H. Melching, paper for American Educational Research Association, New York,
N. Y., February 1971.

"Individualized Instruction," by Paul G. Whitmore, William H. Melching,
and Edward W. Frederickson, paper for Michigan Meeting on Individualized
Instruction, Lansing, Michigan, April 1971; included in Professional Paper
8-72, The Process of Individualizing Instruction, April 1972.   AD-743 156.
ED-129 725.

"Classroom Management," by Paul G. Whitmore, paper for Education Service
Center conference, El Paso, Texas, May 1971; included in Professional
Paper 8-72, The Process of Individualizing Instruction, April 1972.
AD-743 156.   ED-129 725.

Innovation in Classroom Management: An Evaluation, by Edward W. Frederickson,
Paul G. Whitmore and William H. Melching, Consulting Report, September 1971.
ED-116 317.

The Process of Individualizing Instruction, by Paul G. Whitmore, William
H. Melching, Edward W. Frederickson, Professional Paper 8-72, April 1972.
AD-743 156.   ED-129 725.

"A Classroom Management Project," by Paul G. Whitmore, presentation to River
Rouge Board of Education, River Rouge, Michigan, January 1971; included in
Professional Paper 8-72, The Process of Individualizing Instruction, April
1972.   AD-743 156.   ED-129 725.

Inservice Training for a New Function for School Psychologists, by Edward
W. Frederickson, William H. Melching, and Paul G. Whitmore, paper for
Southwestern Psychological Association Meeting, San Antonio, Texas, May
1971; issued as Professional Paper 15-72, July 1972.   PB-212 874.

RIVER ROUGE: continued...

<u>Gain in Student Achievement as a Function of Inservice Teacher Training in Classroom Management Techniques</u>, by Paul G. Whitmore, William H. Melching, Edward W. Frederickson, Technical Report 72-26, October 1972.   PB-213 074. ED-127 304.

ROCOM: Development of Methods and Techniques for Improving the Output
         of ROTC (Department of the Army)

"Text of Briefing at USCONARC, Task ROCOM," briefing at U.S. Continental Army Command, Fort Monroe, VA., January 1965.

<u>A Ranking of Essential Training Dimensions and Specific Knowledge and Skill Areas</u>, Report, 27 pp., June 1966.

"Briefing on Tasks ROCOM and LEAD," by Major F.O. Barger and Thomas Owen Jacobs, presentation to Headquarters, U.S. Continental Army Command, Fort Monroe, VA., July 1966.

"An Analysis of the Initial Active Duty Assignments of Army ROTC Graduates," by William A. McClelland and Theodore R. Powers, briefing for Department of Defense Reserve Officers Policy Board, Washington, D.C., November 1966.

ROGUE: Research on Methods of Evaluating Tank Platoon Gunnery
         Performance (American Institutes for Research)

<u>Methods of Evaluating Tank Platoon Battle Run Performance</u>, by George R. Wheaton, Ted W. Allen and Eugene Johnson III (AIR); Eugene H. Drucker, Patrick Ford and Roy C. Campbell (HumRRO); and G. Gary Boycan (ARI). Report, May 1980; published by the U.S. Army Institute for the Behavioral and Social Sciences as Technical Report 457, May 1980.

ROTC: Development of Techniques to Motivate College Students to
Apply for and Participate in ROTC (Department of the Army)

The College Student and the ROTC: A Study of Eight Colleges, Subcontractor's
Report, 302 pp., September 1958.   (Subcontractor: Bureau of Social Science
Research, Washington, D.C.).   AD-A034 124.

ROTC SURVEY: ROTC Survey (Gilbert Marketing Group, Inc.)

Trends in Enlistment Motivation: Results of AFEES Surveys of Enlisted
Men from April 1971 to April 1972, by Allan H. Fisher, Consulting
Report CR-D7-72-23, June 1972.

Service Image and Recruiter Effectiveness: A Review of Sample Survey
Findings, by Allan H. Fisher, Research Product RP-D7-72-28, July 1972.

Enrollment and Career Potential for College-Based Military Officer
Training Programs, by Allan H. Fisher, Jr., and Margi A. Harford,
Consulting Report CR-D7-73-34, November 1972   ED-148 188.

ROTOR: Implications of Aircraft Characteristics and Task Difficulty for
Design of Rotary Wing Training Devices (Department of the Army)

The Visual Cue Structure in Helicopter Flight, by J.R. Thielges and
W. G. Matheny, Subcontractor's Report, February 1966.   (Subcontractor:
Life Sciences, Inc.).

Functional Requirements for Ground Based Trainers: Auditory Characteristics,
by W. G. Matheny and L.E. Wilkerson, Subcontractor's Report, February
1966. (Subcontractor: Life Sciences, Inc.).

Functional Requirements for Ground Based Trainers: Motion Characteristics,
by W. G. Matheny and L.E. Wilkerson, Subcontractor's Report, February
1966. (Subcontractor: Life Sciences, Inc.).

"A Model for Predicting Man's Control Behavior in a Man-Machine System,"
by W. G. Matheny, presentation to North Atlantic Treaty Organization,
Paris, France, July 1967.

SABER: Development of a Technical Training System
(U.S. Post Office Department)

Mechanical Fundamentals Handbook, by Robert C. Trexler and Patrick J. Butler, Research Product, undated.

Electrical Fundamentals: Electronic Parts and Circuits, Book I; Electrical Parts and Circuits, Book II, Research Product, March 1968.

.ter Sorting Machine (LSM): Troubleshooting and Job Aid Manual, Research Product, March 1968.

Letter Sorting Machine Maintenance: Self-Instructional Text, Research Product, April 1968.

Demonstration of a System for Development of Post Office Equipment Maintenance, by Robert C. Trexler and Patrick J. Butler, Report, September 1968.

SAEPP: Systematic Automotive Education Program Design
         (Correctional Manpower Services Unit, Illinois Law Enforcement
         Commission)

Systematic Automotive Education Planning Project (SAEPP) Curriculum,
Topical Report No. 6, undated.

SAEPP Interim Report No. 2, Interim Report, September 1973.

ATC Organization Topical Report No. 1 and Labor Market Topical Report No.
2, Interim Report IR-D2-73-6, September 1973.

Automotive Maintenance Labor Market Survey Chicago Area, Interim Report
IR-D2-73-9, November 1973.

Plan for Assessment of Existing Training Services and Development of
SAEPP Training Model, Topical Report No. 5, December 1973.

An Assessment of Client Needs and Services, Topical Report No. 3,
February 1974.

Automotive Trades Council Task Analysis, Topical Report No. 4, March
1974.

Automotive Trades Council, Assessment of Existing Training Services,
Topical Report No. 5, March 1974.

Systematic Automotive Education Planning Project (SAEPP), Topical Report
No. 7, June 1974.

Development of a Systematic Automotive Education Program, by Peter B.
Wylie, Donald F. Haggard, Dorothy C. Herbert, and James H. Harris, Final
Report FR-D2-74-4, 164 pp., June 1974.   ED-131 232.

SAMOFF: Systematic Analysis of Training Requirements and Procedures for Surface-to-Air Missile Battery Officers (Department of the Army)

Job Requirements of the NIKE AJAX Battery Commander (U.S. ARADCOM Permanent Site), by Charles D. Smith and William F. Brown, Staff Report, January 1958.

Job Requirements for NIKE AJAX Battery Officers (U.S. ARADCOM Permanent Site), Research Product, September 1958.

Job Requirements of the NIKE AJAX Integrated Fire Control Platoon Leader (U.S. ARADCOM Permanent Site), Research Product, April 1959.

Job Requirements of the NIKE AJAX Launcher Platoon Leader (U.S. ARADCOM Permanent Site), Research Product, April 1959.

Job Requirements of the NIKE AJAX Battery Executive Officer (U.S. ARADCOM Permanent Site), Research Product, April 1959.

NIKE-AJAX Platoon Leader Proficiency Tests, Research Product, August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Team Captain's Manual, Research Product, 55 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Test Director's Manual, Research Product, 57 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 1: Operational Readiness Checks, Research Product, 23 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 2: Battery Control Officer, Research Product, 40 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 3: Operator Evaluation, Research Product, 38 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 4: Console and Panel Operation, Research Product, 21 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 5: Missile and Launcher Inspection, Research Product, 22 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader): Examination Manual. Station 6: Missile Servicing, Research Product, 19 pp., August 1959.

SAMOFF: continued...

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader):   Examination Manual.
Station 7:   Extra Duty Assignments, Research Product, 27 pp., August 1959.

SAMOFF Proficiency Test (NIKE AJAX Platoon Leader):   Examination Manual.
Station 8·   Platoon Administration, Research Product, 28 pp., August 1959.

Job Descriptions for NIKE-HERCULES (Universal) Platoon Leaders, Research
Product, May 1960.

"Briefing for SAM Coordination Conference," by Harry L. Ammerman, presentation
to SAM Coordinating Conference, Fort Bliss, Texas, November 1962.

Checks and Procedures for the NIKE-HERCULES Officer: Unclassified
Illustrations, Research Product, June 1964.

Checks and Procedures for the NIKE-HERCULES Officer: Section A -
Important Controls and Indicators on the Battery Control Console,
Research Product, June 1964.   (CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section B, Research
Product, June 1964.

Checks and Procedures for the NIKE-HERCULES Officer: Section C, Research
Product, June 1964.

Checks and Procedures for the NIKE-HERCULES Officer: Section D - Power
Checks, Battery Control Area, Research Product, June 1964.   (CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section E - Launcher
Acquire and Command Checks, Battery Control Area, Research Product, June
1964.   (CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section F - Gyro
Azimuth Transmission Check, Battery Control Area, Research Product, June
1964.   (CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section G - Intro-
duction to Data Recorder Tape Reading, Research Product, June 1964.
(CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section H -
Simultaneous Tracking Test, Research Product, June 1964.   (CONFIDENTIAL).

Checks and Procedures for the NIKE-HERCULES Officer: Section I -
Dynamic Check: Courses 1 and 2, Research Product, June 1964.
(CONFIDENTIAL).

SAMOFF: continued...

Checks and Procedures for the NIKE-HERCULES Officer: Section J, Research Product, June 1964.

Checks and Procedures for the NIKE-HERCULES Officer: Figure G-1, Research Product, June 1964. (CONFIDENTIAL).

"The SAMOFF III Method of Deriving Training Objectives," by Harry L. Ammerman, July 1965.

"Technical Training for Managers," by Edgar M. Haverland, paper for Midwestern Psychological Association meeting, Chicago, Illinois, May 1966.

SAQUE: Quality Selection of Army Enlistees
(U.S. Army Research Institute for the Behavioral and
Social Sciences)

Selection of Qualified Army Enlistees: Analysis of Characteristics of Soldiers Separated Under TRADOC Regulation 635-1, by Richard J. Orend, Kenneth W. Stroad, Jr., and Theodore H. Rosen, Special Report SR-ED-76-19-1, June 1976; published by ARI as Technical Report 77-B2, December 1977. AD-A077 986.

Selection of Qualified Army Enlistees: Early Development of the Military Aptitude Predictor (MAP), by Theodore Rosen and Kenneth Stroad, Special Report SE-ED-76-19-2, June 1976; published by ARI as Technical Paper 288, Early Development of the Military Aptitude Predictor. AD-A052 953.

Selection of Qualified Army Enlistees: Pre- and Post-Enlistment Response to Selected Biographic and Attitudinal Questionnaires, by Theodore H. Rosen and Richard J. Orend, Special Report SR-ED-76-19-3, June 1976.

Selection of Qualified Army Enlistees: Tables of Item Statistics. A. Enlistee Profile. B. Early Experience Questionnaire. C. What's Your Opinion, by Theodore Rosen, Myron A. Rimm, Marsha J. Michaels, and Stephanie Cormier, Special Report SR-ED-76-19-4, June 1976.

SASPI: Systems Analysis of Self-Paced Instruction
        (U. S. Army Research Institute for the Behavioral and Social
        Sciences)

Management of a Self-Paced Course of Instruction: Part I, Final Report,
May 1974.

Management of a Self-Paced Course of Instruction: Part II, Final Report,
May 1974.

Training, Administrative, and Disciplinary Problems Associated with the
U. S. Army Clerk-Typist (MOS 71B10/20) Course, by C. Dennis Fink, Harold
Wagner, Richard D. Behringer and Morris Showel, Annex A to Final Report
FR-D1-74-3, April 1974; published by ARI as Technical Report 74-B1a.

A Comparison of Graduates, Dropouts, and Instructors of the U. S. Army
Clerk-Typist (MOS 71B10/20) Course, by C. Dennis Fink, Harold Wagner,
Richard D. Behringer and Morris Showel, Annex B to Final Report FR-D1-74-3,
April 1974; published by ARI as Technical Report 74-B1b. AD-A077 985.

A Systems Analysis of a Self-Paced, Variable-Length Course of Instruction,
by C. Dennis Fink, Richard D. Behringer, Harold Wagner and Morris Showel,
Final Report FR-D1-74-3, June 1974; published by ARI as Technical Report
74-B1, June 1974. AD-A077 983.

Analysis of a Self-Paced Instructional Program in the Clerical Field, by
Milton H. Maier and C. Dennis Fink; published by ARI as Research Memorandum
75-1, March 1975. AD-A076 780.

SAWTRAIN: Small Arms Weapon Systems Training Requirements
           (U.S. Army Combat Developments Command)

The Effects on Training Requirements of the Physical and Performance
Characteristics of Weapons, by T. Owen Jacobs, Margaret S. Salter
and Chester I. Christie, Technical Report 74-10, June 1974. AD-920 040.

SCALEB: The Improvement and Development of the Scalogram Board
(Department of the Army)

The Improvement and Development of the Scalogram Board, by Eric
Marder, Subcontractor's Report, April 1952. (Subcontractor:
International Public Opinion Research, Inc.).

SCALO: A Further Study of Linear Segments Technique of Scalogram
Analysis Including the Problem of Reliability
(Department of the Army)

A Further Study of the Linear-Segments Technique Including the Problem
of Reliability - A Progress Report, by Eric Marder, Subcontractor's
Report, August 1952. (Subcontractor: International Public Opinion
Research Inc.).

A Further Study of the Linear-Segments Technique Including the Problem
of Reliability, by Eric Marder, Subcontractor's Report, October 1952.
(Subcontractor: International Public Opinion Research, Inc.).

"Linear Segments: A Technique for Scalogram Analysis," by Eric Marder,
in Public Opinion Quarterly, vol. 16, Fall 1952.

SCHOOL: Evaluation of Psychological Warfare Civil Schooling at
Georgetown University (Department of the Army)

Estimate of the Psychological Warfare Training Programs at Georgetown
University, by Lawrence Schlesinger and Herman Turk, Information
Report, September 1953.

SCRIPT: Preparation of a Document Containing an Analysis of Specimen
Performance Tests Developed at Army Schools
(U.S. Army Training and Doctrine Command)

Army Performance Tests--A Critique: Annex to "Performance Test
Development for Skill Qualification Testing" Elaine N. Taylor
and Robert Vineberg, Final Report FR-WD-CA-75-16, July 1975.
AD-A025 621.

SCORANAL: Relationship of ASVAB Scores to Current Youth Population
(Office of the Assistant Secretary of Defense (Manpower,
Reserve Affairs and Logistics)

The Test Score Decline: A Review and Annotated Bibliography, by Brian
K. Waters, Report, 60 pp., August 1981; published by OASD (MRA&L) as
Technical Memorandum 81-2, August 1981. AD-A013 091.

SEAREAD: Research Toward the Design of a Comprehensive Job-Related Literacy
Training Program for the Navy (Navy Personnel Research and Development
Center)

Reading in the Navy, by Thomas G. Sticht, Lynn C. Fox, Robert N. Hauke
and Diana W. Zapf, Final Report FR-WD-CA-76-14, September 1976;
published by NPRDC as Techni al Report 77-40, The Role of Reading in
in the Navy, September 1977. AD-A044 228. ED-149 300; and
Technical Report 77-41, Integrated Job Skills and Reading Skills Training
System, September 1977. AD-A044 227. ED-149 298.

SECTOR: Aids to Improve Training Effectiveness
(Defense Advanced Research Projects Agency)

Front-End Analysis to Aid Emerging Training Systems: Workshop Summary,
by Robert J. Seidel and Harold Wagner, Special Report SR-ETSD-80-3,
43 pp., February 1980. AD-A102 536.

SELF-PACE 95: Self-Paced Course Development: Basic Law Enforcement, MOS
               95B and 95C (U. S. Army Air Mobility Research and Development
               Laboratory, Fort Eustis, Virginia)

Interim Product: Summary Report -- 95B First Iteration, Summary Report,
undated.

Operational Evaluation of Self-Paced Instruction in U.S. Army Training,
by Jacklyn E. Hungerland. (Doctoral dissertation, United State Inter-
national University, 1979).   AD-A102 988.

SEMPER FI: Individualized Systems for Marine Corps Professional
            Education (Navy Personnel Research and Development
            Center)

Prototype Individualization and Evaluation System for Instructional
Management School, Marine Corps Development and Education Command,
by John N. Joyner, Final Plan, December 1980.

SENSING: Increasing Effectiveness of Tank Gunnery Sensing Techniques
          for Direction and Range (Department of the Army)

The Use of Planted Charges in the Training of Sensing, by Andrew J.
Eckles, III and Edward J. Green, Staff Memorandum, January 1954.

<u>SHAFT</u>: Training System for Mine Hoist Operators
         (Bureau of Mines, U.S. Department of the Interior)

<u>Mine Hoist Operator Training System: Phase I Report</u>, by Paul
Loustaunau and Richard D. Rosenblatt, Final Report FR-ED-78-14,
November 1978.   AD-A102 535.   ED-204 593.

<u>Mine Hoist Operator Training Program</u>, by Paul Loustaunau and
Richard D. Rosenblatt, Research Product RP-ED-79-8 (includes a
Training Manual, Test Question Booklet, and Test Answer Booklet),
December 1979.   AD-A103 459 (Training Manual).   AD-A103 461 (Test
Question Booklet).   AD-A103 460 (Test Answer Booklet).

<u>Adapting Existing Training Materials to Slide/Tape</u>, by Devah
Galloway, Research Product, August. 1981.

"Safety Training and Research for Mine Hoists," by Richard D.
Rosenblatt and Paul E. Loustaunau, paper for the Second Inter-
national Symposium on Training in the Prevention of Occupational
Risks in the Mining Industry, Washington, D.C., November 1981;
issued as Professional Paper 8-81, 22 pp, November 1981. PB82-221 268.

<u>SHAHIN</u>: Iranian Helicopter Simulation Implementation Plan
          (The Singer Company)

<u>214A and AH-1J Simulator Training Program Descriptions and Training
Objectives</u>, by Winon E. Corley and Edward J. Miller, Report, July
1974.

<u>214A Simulator Instructor Training Program for Imperial Iranian Army
Aviation Center</u>, by Robert N. Isley and Edward J. Miller, Research
Product RP-P)-78-3, August 1978.

<u>214A Simulator Training Program for Imperial Iranian Army Aviation
Center</u>, by Robert N. Isley and Edward J. Miller, Research Product
RP-PO-78-4, August 1978.

<u>AH1J Simulator Instructor Training Program for Imperial Iranian Army
Aviation Center</u>, by Edward J. Miller and Robert N. Isley, Research
Product RP-PO-78-5, August 1978.

<u>AH1J Simulator Training Program for Imperial Iranian Army Aviation
Center</u>, by Edward J. Miller and Robert N. Isley, Research Product
RP-PO-78-6, August 1978.

SHOCKACTION: Evaluation and Improvement of Individual Training for
Tank Crewman (Department of the Army)

Gunner Performance Checklist, Research Product, 16 pp., undated.

Gunner Interview, Research Product, 19 pp., undated.

The Armor Proficiency Test, Research Product, 38 pp., 1956.

The Armor Proficiency Test and Test Manual, by Robert A. Baker, Eugene
F. MacCaslin, Kenneth Kurtz, and Donald Baerman, Research Product,
June 1956.

The Development of Tests for Two Levels of Armor Proficiency, by Eugene
F. MacCaslin, Staff Memorandum, September 1956.

The Tank Gunner's Guide (M48A1 Tank), by Eugene F. MacCaslin and Jack
W. Mumford, Research Product, October 1957; published as Army Training
Circular 17-4, June 1959. AD-A950 147.

"Assessing the Outcomes of Military Education: Group No. 2 Performance
Tests, Unit Proficiency, " by Robert A. Baker and Harry Bernstein,
presentation to U.S. Army Military Educational Advisor's Conference,
Washington, D.C., January 1958.

Driver's Job Description of the M48A1 Tank, Research Product, February
1958.

The Tank Leader's Guide (M48A1 Tank), Research Product, March 1958.

The Tank Loaders' Guide (M4A1 Tank), by Eugene F. MacCaslin and Jack W.
Mumford, Research Product, March 1958; published as Army Training
Circular 17-6, July 1959. AD-A950 122.

The Tank Driver's Guide (M48A1 Tank), Research Product, May 1958;
published as Army Training Circular 17-5, June 1959. AD-A950 123.

Job Requirements for the Tank Commander (MOS Code 131.6), Research Product,
May 1958.

Job Requirements for the Tank Driver (MOS Code 130.0, E-5), Research Product,
May 1958.

Job Requirements for the Tank Gunner (MOS Code 121.0, E-5), Research Product,
May 1958.

Job Requirements for the Tank Loader (MOS Code 130.0, E-3) Research Product,
May 1958.

<u>SHOCKACTION</u>:   continued...

<u>The Tank Loader's Guide (M48A2 Tank)</u>, by Eugene F. MacCaslin, Research Product, October 1958.

<u>The Tank Gunner's Guide (M48A2 Tank)</u>, by Eugene F. MacCaslin and Jack W. Mumford, Research Product, December 1958.

<u>The Tank Driver's Guide (M48A2 Tank)</u>, by Eugene F. MacCaslin and Jack W. Mumford, Research Product, March 1959.

<u>SHOCKACTION</u>:   continued...

SIAF: Selection and Training for Small Independent Action Forces
       (Advanced Research Projects Agency)

Small Independent Action Forces Composite Training Evaluation, Research Product
RP-D4-71-30, 1971.

Selection and Training for Small Independent Action Forces: Development of
Materials and Procedures, by Joseph A. Olmstead, Theodore R. Powers, James
A Caviness, and Jeffery L. Maxey, Technical Report 71-17, August 1971.
AD-739 706.   ED-060 437.

SIAF Selection Procedures, Research Product RP-D4-71-36, December 1971.

Guide for the Use of SIAF Program Descriptions, Research Product.
AD-922 309.

Training for Small Independent Action Forces, Research Products, 1971:

   Program Description No. 1, Land Navigation.   AD-875 250

   Program Description No. 2, Delivery of Indirect and Aerial
   Fire Support.   AD-875 251.

   Program Description No. 3, Use of Camouflage, Cover, Concealment,
   and Stealth.   AD-875 252.

   Program Description No. 4, Human Maintenance.   AD-875 253.

   Program Description No. 5, Fundamentals of Tracking.   AD-875 254.

   Program Description No. 6, Communications.   AD-875 255.

   Program Description No. 7, Use of Aerial Photos.   AD-922 310

   Program Description No. 8, Physical Conditioning and Combatives.
   AD-922 311.

   Program Description No. 9, Use of Individual Weapons.   AD-922 312.

   Program Description No. 10, Use of Machineguns.   AD-922 313.

   Program Description No. 11, Basic Demolitions.   AD-922 314.

   Program Description No. 12, Use of Hand Grenades.   AD-922 315.

   Program Description No. 13, Use and Detection of Mines, Boobytraps,
   and Warning Devices.   AD-922 316.

SIAF: continued...

Program Description No. 14, Combat First Aid. AD-922 317.

Program Description No. 15, Use of Image Intensification Devices. AD-922 318.

Program Description No. 16, SIAF Leadership. AD-922 319.

Program Description No. 17, Intelligence. AD-922 320.

Program Description No. 18, Mission, Organization, and Employment of a SIAF. AD-922 321.

Program Description No. 19, Airmobile Procedures. AD-922 322.

Program Description No. 20, Stream-Crossing Expedients and Small Boats. AD-922 323.

Program Description No. 21, Basic Military Mountaineering. AD-922 324.

Program Description No. 22, Use of Sensors. AD-922 325.

Program Description No. 23, Patrolling. AD-922 326.

Program Description No. 24, Survival, Evasion, and Escape. AD-922 327.

Program Description No. 25, Civic Action, Language Development, and Training of Indigenous Forces. AD-922 328.

Selection and Training for Small Independent Action Forces: Final Report, by Joseph A. Olmstead, James A. Caviness, Theodore R. Powers, Jeffery L. Maxey, and Fred K. Cleary, Technical Report 72-2, February 1972. AD-737 709. ED-060 437.

SIBYL: Review and Analysis of the Prediction of Military Job Performance (Navy Personnel Research and Development Center)

Prediction of Job Performance: Review of Military Studies, by Robert Vineberg and John Joyner, Final Report FR-MTRD(CA)-81-6, 144 pp., March 1981.

SIFTED: Development and Evaluation of Self-Instructional Materials on
the Construction of Skill Qualification Tests (U.S. Army
Research Institute for the Behavioral and Social Sciences)

Development of a Workshop on Construction and Validation of Skill Qualification
Tests, by Roy C. Campbell, Patrick Ford and Charlotte H. Campbell, Final Report
FR-WD(KY)-78-2, March 1978; published by ARI as Technical Report 78-A41,
December 1978. AD-A066 782.

SIMELEM: Cost-Effec .ve Simulation in Electronic Maintenance
(U.S. Army Research Institute for the Behavioral and
Social Sciences)

Instructional Strategies Using Low-Cost Simulation for Electronic Maintenance.
Volume 1: Problems, Procedures, and Results. Volume 2: Appendices, by
Elmo E. Miller, Final Report FR-WD(TX)-75-20, July 1975; published by ARI
as Technical Report 75-A2, July 1975. AD-A025 942. ED-127 965 (Volume
1). ED-127 966 (Volume 2).

SIMFAC: Development of Simulation-Based Tactical Performance and Training Developments Research Facility (U.S. Army Research Institute for the Behavioral and Social Sciences)

Requirements for a Simulation-Based Research Facility, Volume 1, by Joseph A. Olmstead, Alfred J. Kraemer, B. Leon Elder, David L. Hannaman and Kerm F. Henriksen, Interim Report IR-ETSD-80-10, 57 pp., June 1980.

Requirements for a Simulation-Based Research Facility, Volume 2; Appendices, by Joseph A. Olmstead, Alfred J. Kraemer, B. Leon Elder, David L. Hannaman and Kerm F. Henriksen, Interim Report IR-ETSD-80-10, June 1980.

Implementation of Manual Board Simulation Game, Volume 1: Development of a Manual Board Simulation Game, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman and Kerm Henriksen, Interim Report IR-ETSD-80-10(2), September 1980.

Implementation of Manual Board Simulation Game, Volume 2: Appendix C, SIMFAC 1: A Manual Board Simulation Game, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman, and Kerm Henriksen, Interim Report IR-ETSD-80-10 (2), September 1980.

Development Test of a Manual Board Simulation Game, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman and Kerm Henriksen, Interim Report IR-ETSD-80-10(3), March 1981.

Revision of the Manual Board Simulation Game, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman and Kerm Henriksen, Interim Report IR-ETSD-80-10(4), March 1981.

Development of a Simulation-Based Tactical Performance and Training Developments Research Facility, Volume 1: Functional Requirements, by Joseph A. Olmstead, David L. Hannaman, Alfred J. Kraemer, B. Leon Elder and Kerm Henriksen (HumRRO); John N. McConnell (ARI), Final Report FR-ETSD-81-5, 227 pp., May 1981.

Development of a Simulation-Based Tactical Performance and Training Developments Research Facility, Volume 2: Implementation, Test and Refine of Manual Prototype, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman and Kerm Henriksen (HumRRO); John N. McConnell (ARI), Final Report FR-ETSD-81-5, 359 pp., May 1981.

Development of a Simulation-Based Tactical Performance and Training Developments Research Facility, Volume 3: User Guidance Materials for a Manual Board Game Prototype, by Joseph A. Olmstead, B. Leon Elder, David L. Hannaman, and Kerm Henriksen (HumRRO); John N. McConnell (ARI), Final Report FR-ETSD-81-5, 292 pp., May 1981.

Development of a Simulation-Based Tactical Performance and Training Developments Research Facility, Volume 4: Design Analysis for an Automated Simulation Facility, by William G. Underhill, David L. Hannaman, Joseph A. Olmstead, and B. Leon Elder (HumRRO); John N. McConnell (ARI), Final Report FR-ETSD-81-5, 119 pp., May 1981.

SIMFAC: continued...

VERTBAS: A New Configuration for Small-Unit Battle Simulations, by David L. Hannaman, B. Leon Elder, and Joseph A. Olmstead, Special Report SR-ETSD-81-7, 30 pp., June 1981.

SIMRAPP: Identify and Develop Budgetary Estimates for Simulation Research, Developmen', and Procurement Projects Which Are Required During FYs 1976-1980 in Support of Army Pilot Training (U.S. Naval Training Equipment Center).

Army Training Simulator Research, Development, and Procurement: FY 1976-1980 Projects and Funding Summaries, by Paul W. Caro, Edward J. Miller, Melvin D. Montemerlo, and Wallace W. Prophet, Final Report, June 1974. AD-A092 295.

Army Training Simulator Research, Development, and Procurement: FY 1976-1980 Projects and Funding Summaries. Appendix C, by Paul W. Caro, Edward J. Miller, Melvin D. Montemerlo and Wallace W. Prophet, Appendix to Final Report. June 1974. (CONFIDENTIAL).

SIMULATE: Development of New Simulation and Miniaturization Concepts to Meet Army Training Needs (Department of the Army)

Briefing of USAR Training Division Commanders' Conference, by Norman Willard, Jr., Staff Paper, January 1968.

A Survey of General and Unit Staff Training Procedures at Division, Brigade, and Battalion Levels, by Robert A. Baker and John G. Cook, Consulting Report, March 1969. AD-A931 571.

The Improvement of Army Training Through Simulation, by Robert A. Baker, Jr., and William L. Warnick, Staff Paper, June 1970.

<u>SINBAD</u>: The Job Proficiency of Men in Different Mental Categories:
Development of an Instrument for Generating Proficiency
Profiles; Performance Assessment (Office of Naval Research)

<u>Performance of Men in Different Mental Categories: 1. Development of
Worker-Oriented and Job-Oriented Rating Instruments in Navy Jobs</u>, by
Robert Vineberg and Elaine N. Taylor, Technical Report 76-1, October
1976.   AD-A039 666.   ED-133 467.

"Worker-Oriented and Job-Oriented Instruments for Evaluating Job Performance,"
by Robert Vineberg and Elaine N. Taylor, paper for 19th Conference of the
Military Testing Association, San Antonio, Texas, October 1977;   issued as
Professional Paper 1-78, January 1978.   AD-A057 009.

<u>Performance of Men in Different Mental Categories: 2. Assessment of
Performance in Selected Navy Jobs</u>, by Robert Vineberg and John N. Joyner,
Technical Report 78-1, September 1978.   AD-A061 095.

<u>SITES</u>: Technical Assistance to TRADOC/TMI Ad Hoc Group
(U.S. Army Training and Doctrine Command)

<u>HumRRO Activities in Support of the Self-Pacing of Four U.S. Army TRADOC
Programs of Instruction</u>, Report, 35 pp., March 1976.   (Includes Final
Report FR-WD-CA-76-6, <u>Self-Pacing MOS Instruction for Motor Transport
Operator (64C)</u>; Final Report FR-WD-CA-76-7, <u>Self-Pacing Instruction for
Field Communications Electronic Equipment Repairman 31B/E</u>; and Final
Report FR-WD-CA-76-8, <u>Self-Pacing MOS Instruction for Military Policeman
(95B) and Corrections Specialist (95C)</u>).   AD-A0933 443.

<u>SKILLHOLD</u>: A Study of the Retention of Combat Skills Acquired in Basic
Training (Department of the Army)

<u>Retention of Basic Combat Skills by Active Duty Personnel</u>, by Robert A.
Baker and Eugene Winograd, Staff Memorandum, March 1957.   AD-A034 128.

<u>SKIM</u>: Organizational Management Skill Development (U.S. Army Research Institute for the Behavioral and Social Sciences)

"Performance Counseling," by John P. Fry, briefing for Secretary of the Army and the Commanding General, Fort Bliss, Texas, September 1972.

"Performance Counseling," by John P. Fry, presentation to U.S. Army Sergeants Major Academy, Fort Bliss, Texas, September 1973.

<u>Student Manual: Individual and Group Problem-Solving Workshop</u>, by John P. Fry, Research Product RP-WD-TX-74-1, November 1974. AD-A024 319

<u>Student Manual: Performance Management Workshop</u>, by John P. Fry, Susan M. Larson, Michael R. Hagerty, and Paul G. Whitmore, Research Product RP-WD-TX-75-1, February 1975. AD-A024 320.

<u>Student Manual: Management by Objectives Workshop</u>, by John P. Fry, William H. Melching, and Susan M. Larson, Research Product RP-WD-TX-75-2, March 1975. AD-A024 321.

<u>Instructor Manual: Individual and Group Problem-Solving Workshop</u>, by John P. Fry, Research Product RP-WD-TX-75-12, June 1975. AD-A024 322.

<u>Instructor Manual: Performance Management Workshop</u>, by John P. Fry and Susan M. Larson, Research Product RP-WD-TX-75-13, June 1975. AD-A024 323.

<u>Instructor Manual: Management by Objectives Workshop</u>, by John P. Fry and Susan M. Larson, Research Product RP-WD-TX-75-14, June 1975. AD-A024 324.

<u>Development, Implementation, and Evaluation of Leadership/Management Training Within Army Battalions. 1: Summary of Findings. 2: Technical Appendices,</u> by John P. Fry and Robert E. Cliborn, Final Report FR-WD(TX)-75-11, June 1975. AD-A012 773 (Volume 1); AD-A012 774 (Volume 2). ED-110 817 (Volume 1); ED-110 818 (Volume 2).

SKYFIRE: Training Methods for Forward Area Air Defense Weapons
          (Department of the Army)

Small Arms Air Defense Training on a Reduced-Scale Range, by E. W.
Frederickson and Robert J. Foskett, Consulting Report, 30 pp.,
October 1966; incorporated in Army Training Circular 23-15, Engagement
of Aerial Target With Small Arms, May 1968.   AD-A072 780.

Visual Detection and Range Estimation Tests Conducted During JTF-2 Test
4.1: Test Procedures and Prospectus of Results, Interim Report, November
1966.

The Effect of Exhaust Smoke on Aircraft Detectability, by Robet D. Baldwin,
and E. Wayne Frederickson, Consulting Report, December 1966.   AD-A021 006.

The Performance of Ground Observers in Detecting, Recognizing, and Esti-
mating Range to Low-Altitude Aircraft, by A. D. Wright, Technical Report
66-19, December 1966.   AD-645 537.

JTF Test 3.1/3.5, Oklahoma/Arkansas Portion: Visual Detection and Range
Estimation Studies, Interim Report, January 1967.

Aircraft Recognition Reaction Time of Crews and Individuals: Results for
a Miniaturized Test, Consulting Report, December 1967.

Evaluation of the Duration of Fly Through Obtained When Tracking with
the Speed Ring Sight on the M-55 Weapon, by Albert L. Kubala and Harold
E. Christensen, Staff Paper, 17 pp., December 1968.   AD-B951 717.

Studies on Reduced-Scale Ranging Training With a Simple Range Finder, by
Michael R. McCluskey, Technical Report 71-24, December 1971.   AD-740 163.

Relationship Between Recognition Range and the Size, Aspect, Angle, and Color
of Aircraft, by Robert D. Baldwin, Technical Report 73-2, February 1973.
AD-758 870.

Attempts to Improve Visual Detection Through Use of Search Patterns and
Optical Aids, by Robert D. Baldwin, Technical Report 73-3, February 1973.
AD-758 056.

SKYGUARD: Curriculum and Instructional Improvements for the Air Defense
            Artillery Officer Advanced Course (Department of the Army)

Student Manual: Performance Counseling Workshop, by John P. Fry,
Research Product, February 1973.

Instructor Manual: Performance Counseling Workshop, Research Product,
March 1973.

Use of the Job Model Concept to Guide Job Description Procedures for
Army Officers, by Paul G. Whitmore, Technical Report 73-26, November 1973.
AD-772 993.   ED-086 827.

SKYREAD: Development and Evaluation of a Prototype Job-Oriented Reading
           Program (Air Force Human Resources Laboratory)

A Job-Oriented Reading Program for the Air Force: Development and Field
Evaluation, by Kent H. Huff, Thomas G. Sticht, and John N. Joyner (HumRRO);
Steven D. Groff, and James R. Burkett (USAF), Final Report FR-WD-CA-77-3,
May 1977; published by Air Force Human Resources Laboratory as Technical
Report 77-34, May 1977.   AD-A047 203.   ED-145 411.

SLIPE: A Summative Evaluation of Six Experimental School Library Media
         Education Programs (American Library Association)

Evaluation of Alternative Curricula -- Approaches to School Library Media
Education, by Robert N. Case, Anna Mary Lowrey, C. Dennis Fink and Harold
Wagner, Final Report FR-ED-74-5, December 1974; published by the American
Library Association, Chicago, Illinois, 1975.

SMAC: Analysis of Man Ascendant Skills of Senior Non-Commissioned Officer
(U.S. Army Research Institute for the Behavioral and Social Sciences)

Problem Situation Catalog for Senior NCOs, by Paul G. Whitmore, Leo C.
Benson, and Susan M. Larson, Research Product RP-WD-TX-75-26, December
1975.   AD-A080 353.

Analysis of Human Relations Problem Situations: The Group Process
Approach, by Paul G. Whitmore, Final Report FR-WD-TX-75-27, December
1975; published by ARI as Technical Report 78-A14, July 1978.
AD-A036 130.   ED-158 040.

Group Problem Solving Process, by Paul G. Whitmore, Susan M. Larson,
and Leo C. Benson, Research Product RP-WD-TX-76-1, January 1976.
AD-A081 189.

SMASH: Man-Machine Environment Compatibility Studies
(Department of the Army)

A Literature Survey on Human Factors Problems Associated with Flight at
Low Altitude and High Speed: Final Report, Subcontractor's Report,
1960.   (Subcontractor: Lockheed Aircraft Corporation, Georgia Division).

Man-Machine Environment Compatibility Studies and Tests in Support of
Surveillance Aircraft Development, Report, 1960.

Human Factors Problems Associated With Flight at Low Altitude and High
Speed--Annotated Bibliography, Subcontractor's Report, August 1960.
(Subcontractor: Lockheed Aircraft Corporation, Georgia Division).

SMD I: Revise Workshop of SQT Developers (U.S. Army Training Support
Center)

Workshop for SQT Developers, by Patrick Ford, Research Product
RP-MTRD(KY)-81-1, January 1981.

SMD II: Training Workshop for Test Specialists (U.S. Army Training
Support Center)

Workshop for Test Specialists, by Patrick Ford, Research Product
RP-MTRD(KY)-80-19, December 1980.

SMMART: Developing Criteria for the Selection of Methods and Media
by Army Trainers (Department of the Army)

The State of Knowledge Pertaining to Selection of Cost-Effective Training
Methods and Media, by Ronald W. Spangenberg, Yair Riback and Harold L.
Moon, Technical Report 73-13, June 1973.   AD-763 194.   ED-078 295.

SOURCE: Organizational Factors in Work and Performance
         (Social and Rehabilitation Service, Department of Health,
         Education and Welfare)

Variables and Dimensions Proposed for Study of the Impact of Organizational
Structure and Climate Upon Work, Workers, and Work Performance, by Joseph
A. Olmstead, Research Product, June 1972.

Working Papers No. 2. Organizational Structure and Climate: Implications
for Agencies, by Joseph A. Olmstead, Final Report, February 1973.

Effects of Agency Work Contents: An Intensive Field Study, Volume 1:
Agency Structure and Climate, by Joseph A. Olmstead and Harold E.
Christensen, Final Report FR-D4-73-14, October 1973; published by DHEW
as Research Report No. 2: Effects of Agency Work Contexts: An Intensive
Field Study. Volume I--Report; Volume II--Technical Appendices. National
Study of Social Welfare and Rehabilitation Workers, Work, and Organizational
Context, SRS-74-05416, December 1973.   PB-254 992.

Effects of Agency Work Contexts: An Intensive Field Study, Volume 2:
Attitudes of Agency Personnel, by Joseph A. Olmstead and Harold E. Christensen
Final Report FR-D4-73-15, October 1973; published by DHEW as Research Report
No. 2: Effects of Agency Work Contexts: An Intensive Field Study. Volume
I--Report; Volume II--Technical Appendices. National Study of Social Welfare
and Rehabilitation Workers, Work, and Organizational Context, SRS-74-05416,
December 1973.   PB-254 993.

Application Reports: Field Study of Agency Work Contexts, by Joseph A.
Olmstead, and Harold E. Christensen, Research Product RP-D4-73-16, October
1973.

"Satisfaction and Performance in Welfare and Rehabilitation Agencies,"
by Joseph A. Olmstead, in Social and Rehabilitation Record, September 1974,
pp. 25-28.

Managing the Context of Work, by Joseph A. Olmstead, Professional Paper
1-75, February 1975.   PB-242 986.   ED-110 686.

SPECIAL: Training in Special Warfare, Counter-Insurgency and Related Missions
          (Department of the Army)

"A Workable Research Methodology to Aid Librarians in Meeting the
Current Demands of Counterinsurgency Study," by Franklin Mark
Osanka, paper for Air Force Librarian's Section, American Library
Association, Homestead AFB, Florida, June 1962.

<u>SPECTRA</u>: Evaluation Study of Counselor Training Program
(Manpower Administration, Department of Labor)

<u>Bibliography for Curriculum Development in Counseling Skills for the
Helping Professions</u>, by Carol L. Seabright, Research Product RP-D2-72-4,
August 1972.   ED-123 543.

<u>Evaluation of a Special Counselor Training Program Conducted by the
United States Training and Employment Service. Part I: Administrative
and Training Procedures</u>, by Willi?m L. Warnick and Willard H. Pratt,
Final Report, October 1972; publisꞯed by Department of Labor as MEL-
73-01A.   PB-214 532.

<u>Precis--Final Report. Evaluation of ꞯ Special Counselor Training Program
Conducted by the Unitꞯd Statꞯs Training and Employment Service. Part I:
Administrative and Training Procedures</u>, by William L. Warnick and Willard
H. Pratt, Research Product, October 1972.

<u>Precis: Evaluation of a Special Counselor Training Program Conducted by
the United States Employment Service. Part II: Job-Oriented Training
and Assessment Model</u>, by Ronald E. Kraemer, Samuel P. Hudson, Richard E.
Kriner, and Donald F. Haggard, Research Product, November 1972.

<u>Evaluation of a Special Counselor Training Program Conducted by the United
States Employment Service. Part II: Job-Oriented Training and Assessment
Model</u>, by Ronald E. Kraemer, Samuel P. Hudson, Richard E. Kriner, and
Donald F. Haggard, Final Report, November 1972; published by Department of
Labor as MEL-73-01B.   PB-219 409.

<u>Guidelines for Counselor Training Program Development: Performance
Objectives and Tests. Supplement 1 to Final Report</u>, by Ronald E. Kraemer,
Samuel P. Hudson, Richard E. Kriner, and Donald F. Haggard, Research
Product, November 1972.

<u>Case Dialogues for Evaluating Counseling Effectiveness. Supplement 2 to
Final Report</u>, by Ronald E. Kraemer, Samuel P. Hudson, Richard E. Kriner,
and Donald F. Haggard, Research Product, November 1972.

<u>Guidelines for ES Counselor Job Performance Test Manuals</u>, by Ronald E.
Kraemer, William C. Osborn, and Donald F. Haggard, Research Product,
October 1973..   PB-214 532.

<u>Test Manual 1: Initiating Counseling Process, Obtaining Needed Information,
and Identifying Applicant's Employment Problems</u>, by Ronald E. Kraemer,
William C. Osborn, and Donald F. Haggard, Research Product, October 1973;
published by Department of Labor as <u>ES Counselor Job Performance Test Manuals</u>.
PB-214 532.

<u>Test Manual 2: Assessing Vocational and Training Qualifications of
Counseled Applicants</u>, by Ronald E. Kraemer, William C. Osborn, and
Donald F. Haggard, Research Product, October 1973; published by the Department
of Labor as <u>ES Counselor Job Performance Test Manuals</u>.   PB-214 532.

SPECTRA: continued...

Test Manual 3: Interpreting Vocational and Training Assessment Data
to Counseled Applicant and Providing Necessary Information for Making
Employment Decision, by Ronald E. Kraemer, William C. Osborn, and
Donald F. Haggard, Research Product, October 1973; published by the
Department of Labor as ES Counselor Job Performance Test Manuals.
PB-214 532.

Test Manual 4: Determining Counseled Applicant's Employability Goals,
Developing Employability Plans, and Initiating Plan of Actions, by
Ronald E. Kraemer, William C. Osborn, and Donald F. Haggard, Research
Product, October 1973; published by the Department of Labor as
ES Counselor Job Performance Test Manuals. PB-214 532.

Test Manual 5: Assisting Counseled Applicant Implement Employability
Plans to Achieve Employability Goals, by Ronald E. Kraemer, William
C. Osborn, and Donald F. Haggard, Research Product, October 1973;
ES Counselor Job Performance Test Manuals.   PB-214 532.

Test Manual 6: Providing Continued Employment Services, Effecting Job
Placement, and Following Up Counseled Applicants, by Ronald E. Kraemer,
William C. Osborn, and Donald F. Haggard, October 1973; published by
the Department of Labor as ES Counselor Job Performance Test Manuals.
PB-214 532.

ES Counselor Job Performance Rating Checklist, by Ronald E. Kraemer,
William C. Osborn, and Donald F. Haggard, Research Product, October
1973.   PB-214 532.

SPECTRUM: Development of Effective Training Across All Aptitude Levels
(Department of the Army)

Training on a Motor Skill for Groups of Differing Abilities, by Paul D. Hood, Staff Paper, 9 pp., September 1966. AD-A071 944.

"Progress Report on HumRRO Work Unit SPECTRUM," by Howard H. McFann, briefing for Office of the Assistant Secretary of Defense (Manpower) and Manpower Management Planning Board, Washington, D.C., May 1967.

The Military Justice Component of ATT 21-2, by Morris Showel, Staff Paper, 9 pp., June 1967. AD-B951 716.

A Review of the General Supply Course (MOS 76A10) at a U.S. Army Training Center, by Ernest K. Montague and Morris Showel, Interim Report, July 1967.

Progress Report on HumRRO Research Research Related to Project 100,000, by Howard H. McFann, Ernest K. Montague and A. J. McKnight, Staff Paper, November 1967.

"Individual Differences in Learning Performance: The Role of Aptitude," by Wayne L. Fox, John E. Taylor, and John S. Caylor, 1969. ED-157 999.

"HumRRO Research on Project 100,000," by Howard H. McFann, presentation to American Psychological Association meeting, Washington, D.C., September 1969; issued as Professional Paper 37-69, December 1969. AD-703 516. ED-045 869.

Trainees and Military Law, by Morris Showel, Research Product, September 1969.

Aptitude Level and Performance on Intramodal and Intermodal Form Discrimination Tasks, by Gary Kress, Technical Report 73-7, March 1973. AD-758 874. ED-134 892.

Instructional Strategies for Training Men of High and Low Aptitude, by Milton H. Bialek, John E. Taylor and Robert N. Hauke, Technical Report 73-10, April 1973. AD-760 408.

<u>SQT</u>: Adapting Technology for Evaluating Individual Performance in Infantry Jobs to Other Army Jobs   (U.S. Army Research Institute for the Behavioral and Social Sciences)

Handbook for Development of Skill Qualification Tests, by William C. Osborn, Roy C. Campbell, J. Patrick Ford, Final Report FR-WD(KY)-77-1, 226 pp., January 1977; published by ARI as P-77-5, November 1977. AD-A055 632.

"Some Factors That Affect Reliability of Hands-on Tests, " by Patrick Ford and Charlotte H. Campbell, presentation to Military Testing Association, 1979.

"Hands on Testing: A Model for Scorer Training," by Roy C. Campbell, presentation to Military Testing Association, 1979.

<u>SQUADLEADER</u>: A Study of Factors Related to Differences Between Effective and Ineffective Squad Leaders (Department of the Army)

<u>A Comparison of the Combat Performance of Good and Poor Infantry Squad</u> <u>Leaders</u>, by Morris Showel, Staff Memorandum, September 1954.

<u>Attitudes of Fighters and Non-Fighters Toward the Combat Performance of</u> <u>Infantry Squad Leaders</u>, by Morris Showel, Staff Memorandum, October 1954.

<u>SSPACE</u>: A Coherent Strategy for Computer-Based Instructional Innovation: The Adoption and Change Process in a League of Secondary Schools (National Science Foundation)

<u>D.C. SSPACE Program</u>, by Robert J. Seidel, Special Report, August 1975.

<u>D.C. Secondary Schools Project for Adopting Computer-Aided Education</u>, by Carol Hargan, Nancy Hibbits, and Robert J. Seidel, Final Report FR-ED-78-11, 54 pp., August 1978.   ED-163 977.

STALK: The Time Required to Achieve a Hit with the Main Armament of Several
         U.S. Tanks in Their Present State of Development (Department of the
         Army)

Human Research Unit No. 1 Enclosure to First Report of Project STALK, by
Andrew J. Eckles III, Report, January 1954.

Studies Made by Human Research Unit No. 1 During Project STALK: Relationship
Between Human Factors and Tank Crew Effectiveness, by Andrew J. Eckles III,
Melvin A. Schmitz, and Norman Willard, Jr., Staff Memorandum, May 1956.

Studies Made by Human Research Unit No. 1 During Project STALK: III. Selection
and Training of Stereoscopic Range Finder Operators, by Norman Willard, Jr.,
Staff Memorandum, February 1957.   AD-A021 002.

Studies Made by Human Research Unit No. 1, CONARC, During Project STALK:
Part 1--Results of Interviews with the STALK Crew Members, by Andrew Eckles,
III, Melvin A. Schmitz, Norman Willard, Jr., Special Report 8, June 1957.
AD-134 519.

STAMP: Automated Instructional Development System: Phase II
         (U.S. Postal Service)

Automated Instructional Development System--Cleveland Application: Evaluation
Study Report, by Harold Wagner, Robert J. Seidel, Michael J. Hillelshon,
Final Report FR-STSD-80-2, February 1980.

STAR: Aircraft Recognition Training
       (Department of the Army)

Detailed Test Plan, HumRRO Participation in Low Altitude Penetration Test 1.0, Minimum Terrain Clearance, Research Product, May 1965.

Aircraft Detection and Range Estimation Tests in the JTF-2 Test 1.0 Environment, by E. Wayne Frederickson, Joseph F. Follettie, and Robert D. Baldwin, Interim Report, October 1965.

Interim Recommendations for Aircraft Recognition Training, by Paul G. Whitmore, Consulting Report, April 1966.

A Manual for Conducting Aircraft Recognition Training, Research Product 30 pp., January 1967; published under the title, "Aircraft Recognition," Air Defense Trends, May 1971.

Supplementary Aircraft Recognition Training in Support of the Expedited REDEYE Troop Test, Consulting Report, March 1967.

Aircraft Identification Accuracy Following Training Involving Only U.S. or Non-U.S. Aircraft, by Paul G. Whitmore and Robert D. Baldwin, Consulting Report, January 1969.

Empirical Comparisons of Selected Procedures for Aircraft Identification Training, by Arthur C. Vicory, Report, June 1969.

Justification for the Selection of Views for the GOAR Kit, Consulting Report, 1971.

Comparison and Evaluation of Printed Programs for Aircraft Recognition, by Elmo E. Miller and Arthur C. Vicory, Technical Report 71-22, October 1971. AD-739 521. ED-054 610.

Studies of Aircraft Recognition Training, by Paul G. Whitmore, William C. Rankin, Robert D. Baldwin, and Sandra Garcia, Technical Report 72-5, February 1975. AD-739 923.

STEREO: National Stereotypes, National Self-Images, and National
Characteristics: A Critical Review of Research Methodologies
and Selected Findings (ORD Life Sciences)

Cultural Aspects of Intelligence Analysis and Their Implications for the
Training of Analysts, by Alfred J. Kraemer, Final Report FR-ED-77-21,
August 1977.

STINTRAC: Training of Scientific and Technical Information System
Personnel (Department of the Army)

Task STINTRAC: Keyword-in-Context Indexing: An Inexpensive Technique
for Storing and Retrieving Technical Information, by C. Dennis Fink,
Herbert B. Leedy, and John F. Hayes, Staff Memorandum, February 1965.

Training Users of Information Systems: Some Suggestions, by C. Dennis
Fink, Herbert B. Leedy, and John F. Hayes, Staff Paper, June 1965.
AD-A054 104.

STIR: A Study of Factors Contributing to Delinquency in the Army
(Department of the Army)

"A Study of the Army Delinquent," by Francis H. Palmer.

STOCK: Development of Training Management Procedures for Heterogeneous
Ability Groups (Department of the Army)

Task Analysis Data: Supplyman -- MOS76A10, Research Product, May 1969.

Determination and Application of Training Objectives in Revising the
Supplyman (MOS76A10) Course, by Harold Wagner, James R. Lodge, A. James
McKnight, Richard D. Behringer, Consulting Report, August 1970.
AD-A081 050.

"Managing Training for Heterogeneous Groups," by Harold G. Hunter, briefing
for U.S. Continental Army Command Training Conference, Fort Gordon, Georgia,
October 1971.

Self-Paced Advanced Individual Training (AIT) and Duty Assignment Procedures,
by Harold Hunter and Harold Wagner, Technical Report 73-14, June 1973.
AD-764 973.   ED-080 815.

SUPPLY: To Provide a Developmental Concept and Methodology for Writing
Generic Soldier's Manuals and Skill Qualification Tests
(Battelle Columbus Laboratories)

To Provide a Developmental Concept and Methodology for Writing Generic
Solider's Manuals and Skill Qualification Tests, by Elmo E. Miller
and Lawrence E. Lyons, Special Report SR-MTRD(TX)-81-16, August 1981.

SUPPORT: Development of Improved Training for Combat Support Programs
(Department of the Army)

Suggested Quick Fire Training, by Nelson I. Fooks, Staff Paper, July 1965.

Instructor's Guide: Two-Week Tactical Training for Combat Support Personnel.
Part 1: Scope of Instruction; Part 2: Lesson Outlines, by Joseph S. Ward
and Nelson I. Fooks, Research Product, December 1966.

Report of Progress on Work Unit SUPPORT, by LTC David S. Marshall. Howard
-H. McFann and Joseph S. Ward, Interim Report, May 1967.

Briefing on Development of Improved Training for Radio Operator's Course
(MOS 05B20), by S. James Goffard, Donald F. Polden and Curtiss L. Nelson,
Interim Report, September 1967.

Final Progress Report to USCONARC on Work Unit SUPPORT, Work Sub-Unit II,
by Joseph S. Ward, Interim Report, February 1968.

SURCAT: Sources of Attrition in CMF 96
(U.S. Army Training and Doctrine Command)

Sources of Attrition in CMF 96: Military Intelligence, by Robert D. Baldwin
Special Report SR-WD(TX)-75-21, September 1975. AD-A063 738.

SWINGSHIFT: Techniques and Training Methods for Improving Individual and
Squad Infantry Performance in Operations During Limited
Visibility (Department of the Army)

Tentative Operating Characteristics and Tactical Doctrine for Authorized
Battle Group Ground Surveillance Radar, by Gilbert L. Neal, Research
Memorandum, 128 pp., July 1959.

"Tactical Training Gaps," by Colonel Henry E. Kelly, February 1962.

SYMDESC: Development of a General Theoretical Mechanism for Describing
Individual Students (U.S. Air Force Human Resources Laboratory)

A Theoretical Basis for Individualized Instruction, Interim Report, September
1973.

A Theoretical Basis for Individualized Instruction, by Edward H. Kingsley
and John Stelzer, Technical Report 74-7, April 1974. AD-786 040.
ED-095 881.

An Axiomatic Theory of Subject Matter Structure, by Edward H. Kingsley and
John Stelzer, Technical Report 74-14, June 1974.   AD-782 193.   ED-126 080.

SYNTEST: Research on Methods of Synthetic Performance Testing
(U.S. Army Research Institute for the Behavioral and
Social Sciences)

Research on Methods of Synthetic Performance Testing: Phase I.   Analysis
and Classification of Performance Testing Problems, Interim Report
IR-D2-74-8, November 1974.

Research on Methods of Synthetic Performance Testing, by William C. Osborn
and J. Patrick Ford, Final Report FR-CD(L)-76-1, 101 pp., April 1976.
AD-A060 338.   ED-170 346.

"Knowledge Test of Manual Task Procedures," by William C. Osborn and J.
Patrick Ford, presentation to the Military Testing Association conference,
San Antonio, Texas, October 1977; included in Professional Paper 4-78,
Military Testing: Knowledge and Skills; Criticality and Reliability,
February 1978.   AD-A054 953.

"Analysis and Classification of Performance Testing Problems," by William
C. Osborn, presentation to Military Testing Association conference, San
Diego, CA., October 1979.

SYNTRAIN: Modernization of Synthetic Training in Army Aviation
(Department of the Army)

Training Program for the GAT-2 Trainer, Research Product.

HumRRO Trainer for the U-21 UTE, by Paul W. Caro, Research Product,
1968.

Fixed Wing Training Device Requirements of the U.S. Army Aviation School,
by Paul W. Caro, Oran B. Jolley, Robert N. Isley and Robert H. Wright,
Consulting Report, March 1968.

Evaluation of Transfer of Training in a New Synthetic Trainer, by Robert
N. Isley, Paul W. Caro, and Oran B. Jolley, Interim Report, September
1969.

"Transfer of Instrument Training and the Synthetic Flight Training System,"
by Paul W. Caro, presentation to the Naval Training Device Center Industry
Conference, Orlando, Florida, February 1972; published in Silver Anniversary
Journal of NTDC; also issued as Professional Paper 7-72, March 1972.
AD-743 155.

Determining Training Device Requirments in Fixed Wing Aviator Training,
by Paul W. Caro, Oran B. Jolley, Robert N. Isley, and Robert H. Wright,
Technical Report 72-11, April 1972.   AD-744 447.   ED-064 593.

"Device 2B24 Operational Suitability Test: Results Summary and Comments,"
by Paul W. Caro, Robert N. Isley and Oran B. Jolley, paper for Army/Navy
Aviation Medical Research Symposium, July 1972.

"The Case for Simulation in Pilot Training," by Melvin D. Montemerlo,
July 1973.

Research on Synthetic Training: Device Evaluation and Training program
Development, by Paul W. Caro, Robert N. Isley, and Oran B. Jolley, Technical
Report 73-20, September 1973.   AD-768 923.   ED-083 395.

"Simulation and Aircrew Training and Performance," by Wallace W. Prophet
and Paul W. Caro, paper for Conference on Aircrew Performance, Fort
Rucker, Alabama, November 1973; issued as Professional Paper 4-74, April
1974.   AD-780 688.   ED-095 358.

"Variables in Transfer of Training: Devices and Programs," by Paul W. Caro,
and Wallace W. Prophet, presentation at the Sixth Annual Naval Training
Equipment Center and Industry Conference, Orlando, Florida, November 1973.

"Aircraft Simulators and Pilot Training," by Paul W. Caro, in Human Factors
Journal, vol. 15, no. 6, December 1973; issued as Professional Paper 6-74
May 1974.   AD-A002 614.   ED-095 337.

SYNTRAIN: continued...

"Combat Readiness Proficiency Training in Device 2B24," by Maurice Siskel,
Jr., September 1974.

"A Case Study of UH-1 Instrument Refresher Training," by Robert N. Isley,
in Army Aviation Digest, November 1974.

Training Programs for the Synthetic Flight Training System, by Oran B.
Jolley, Robert N. Isley, and Edward J. Miller, Final Report FR-CD(D)-75-3,
June 1975.   AD-A033 587.

Mission Suitability Testing of an Aircraft Simulator, by Paul W. Caro,
Robert N. Isley, and Oran B. Jolley, Technical Report 75-12, June 1975.
AD-A012 680.   ED-110 827.

SYSTEM: Preparation of a Personnel System Development Program
           (Department of the Army)

Requirements for Personnel and Training Information, by A. James McKnight
and Patrick J. Butler, Staff Paper, August 1967.   AD-A073 238.

TANTRAS: Support of Navy ISD Programs
            (U.S. Naval Training Equipment Center)

U.S. Navy Fleet Aviation Training Program Development, by Wallace W. Prophet,
Final Report FR-ED-77-25, October 1977; published by NTEC as Technical Report
NAVTRAEQUIPCEN 77-C-0009-1, March 1978.   AD-A055 788.

TARDEX: Development of a Target Vulnerabilities Index
            (Department of the Army)

Background Material for the Development of a Target Vulnerabilities
Index: Hungary, by Thomas F. Gladwin, Staff Memorandum.   (CONFIDENTIAL),
August 1953.

Background Material for a Target Index, by Thomas F. Gladwin, Staff Memorandum,
February 1954.

TEC II-CATB: Test and Evaluation of Training Extension Course (TEC)
               (Department of the Army)

Training Extension (TEC) Evaluation, by Steven R. Stewart and Michael R.
McCluskey, Interim Report IR-D4-74-16, June 1974.

An Evaluation of the Utilization, Maintenance, and Perceived Benefits
of the Training Extension Course (TEC), by Michael R. McCluskey and
James M. Tripp, Technical Report 75-18, June 1975.   AD-A015 006.

TECHCON: Computer Technology Forecast -- Potential for Education: An
Invitational Conference (National Science Foundation)

Proceedings: Ten-Year Forecast for Computers and Communications. Volumes
1 and 2, Report, December 1975.

Computers and Communications: Implications for Education, Robert J. Seidel
and Martin L. Rubin (eds), 1977; published by Academic Press, New York.
(Based on Proceedings of Conference on Computer Technology for Education
in 1985, Airlie House, Warrenton, Virginia, September 1975).

TESTAID: Technical Assistance in the Design and Execution of JTF-2 Test
3.1/3.5 (Department of the Army)

Ground Observer Ability to Detect and Estimate the Range of Jet Aircraft
Flying Over Hilly Terrain, Consulting Report.   AD-A020 657.

Low-Altitude Test 3.1/3.5 (NF) Surface-Based Air Defense. Volume I: Field
Test Dscription, Section 6, Test Participants, by Albert L. Kubala,
Consulting Report, March 1968.

"Tracer Observation for Air Defense Fire Control," by Robert D. Baldwin,
in Air Defense Trends, September 1970; issued as Professional Paper 13-72,
May 1972. AD-755 121.

TEXAS: Special Analyses and Report on Leisure Activities in Texas
(Texas Commission on the Arts and Humanities)

Leisure Participation in Texas. Volume 1: Results; Volume 2: Technical
Appendices, by Richard J. Orend, Report, undated.

<u>TEXTRUCT</u>: Methods of Instruction in Technical Training
(Department of the Army)

"Some Unresolved Problems Respecting Skinner's Theory of the Teaching Machine," by Rubin Gotesky.

<u>A Bibliography of Sources of Information for Training Research and Engineering</u>, by Curt Fey and Charles L. Darby, Research Memorandum, April 1959.

<u>Pocketschool Series</u>, Research Products, July 1960:

"Mathematics I, Multiplication and Division(Decimals): Part One"

"Mathematics I, Multiplication and Division (Decimals): Part Two"

"Mathematics I, Multiplication and Division (Decimals): Part Three"

"Mathematics II, Multiplication and Division (Cancellation)"

"Mathematics III, Powers and Roots: Part One"

"Mathematics III, Powers and Roots: Part Two"

"Mathematics IV, Powers of Ten"

"Mathematics V, Simple Equations: Part One"

"Mathematics V, Simple Equations: Part Two"

"Mathematics V, Simple Equations: Part Three"

"Mathematics VI, Proportions: Part One"

"Mathematics VI, Proportions: Part Two"

"Mathematics VII, Stated Problems: Reference Items for Parts One and Two"

"Mathematics VII, Stated Problems: Part One"

"Mathematics VII, Stated Problems: Part Two"

"Mathematics VII, Stated Problems: Part Three"

"Mathematics VIII, Monograms"

"Mathematics IX, Supplemental Graph Book"

TEXTRUCT: continued...

Procedural Analyses for the Use of Three Pieces of Test Equipment:
OS-8 C/U Oscilloscope, TS-505 A/U VTVM and TS-352 A/U Multimeter,
by Julia S. Harris and Harold E. Christensen, Research Product,
August 1962.

"Beginner's Problems in Programming," by Julia Harris, September 1961.

"Programmed Instruction Under a Demand Feedback Schedule," by William
H. Melching, presentation to National Society for Programmed Instruction,
San Antonio, Texas, April 1964.

TICK: A Study of Communist Motivation
       (Department of the Army)

Koje-Do in Complication: An Analysis of the Social and Political
Organization of Korean Prisoners of War in UNC Pow Camps, 1950-
1951, by Kim Sun Ho (ROKA), (Revised and Edited by W. C. Bradbury
and J. J. Kirkpatrick), Staff Memorandum,   (CONFIDENTIAL), May
1955.   AD-C003 548.

Chinese Nationalist Research Documents on Chinese Communist Treatment
of POWs, Staff Memorandum, June 1955.

Determinants of Loyalty and Disaffection in Chinese Communist Soldiers
During the Korean Hostilities: An Exploratory Study, by William C.
Bradbury and Jeanne J. Kirkpatrick, Special Report 7, (CONFIDENTIAL),
October 1956.   AD-115 709.

TIMESAVE: The Conservation of Training Time in Infantry Weapons
           Instruction (Department of the Army)

"Effect of a Shortened Period of Instruction in Sighting and Aiming
the M1 Rifle on Rifle Marksmanship," by Donald Lewis, 1952.

Studies of Rifle Marksmanship: Relationships Between Small Arms Scores
and the Abilities Related to Firing Skill, by Victor H. Denenberg and
Eugene A. Cogan, Staff Memorandum, November 1956.

TRACE: Development of Improved Electronic Trouble Shooting Procedures
and Teaching Methods   (Department of the Army)

<u>Studies of Complex Behavior and Their Relation to Trouble Shooting in
Electronic Equipment</u>, by Robert S. Czeh, Staff Memorandum, June
1957.   AD-A034 040.

"A Low Cost Method of Signal Flow Simulation," by Charles R. Eskew and
J. Frank Koenig, April 1962; included in Research Memorandum, <u>Methods
and Devices for Teaching Data Flow to Electronics Maintenance Personnel</u>,
November 1962.   AD-298 699.

"The Trace Trainer: A General Radar Signal-Flow Simulator," by Robert
S. Czeh and J. Frank Koenig, April 1962; included in Research Memorandum,
<u>Methods and Devices for Teaching Data Flow to Electronics Maintenance
Personnel</u>, November 1962.   AD-298 699.

"A Rotary Tab-Type Signal Flow Trainer," by Kent Viehoever and Joel
Abramson, June 1962; included in Research Memorandum, <u>Methods and
Devices for Teaching Data Flow to Electronics Maintenance Personnel</u>,
November 1962.   AD-298 699.

"A General Trouble Shooting Course," by Kent Viehoever and Leonard L.
Mitnick, September 1962; included in Research Memorandum, <u>Methods and
Devices for Teaching Data Flow to Electronics Maintenance Personnel</u>,
November 1962.   AD-298 699.

TRADE I: A Study of Solid-State Equipment Maintenance and Training
Requirements (Automotive Assembly Division, Ford Motor
Company)

Solid State Equipment Maintenance and Training Requirements. Phase I:
Establishing the Data Base, by Robert C. Trexler, Consulting Report
CR-D1-72-1, September 1972.

TRADER: Developing Guidance for Establishing Requirements and Characteristics
of Training Devices (Department of the Army)

Mockup Cockpit Procedures Trainer for AO-I Mohawk, by Wallace W. Prophet
and H. Alton Boyd, Research Product, 1962.

Evaluation of Student Response Monitor (SRM), by John A. Cox, Consulting
Report, 15 pp., July 1962.

Cost Factors in Aircraft Simulation, by W. G. Matheny, Subctonractor's
Report, January 1963.

TRAINCREW: Methods for Improving Tank Crew Performance
(Department of the Army)

A Review and Discussion of Current Research in Small Groups, by Eugene
H. Drucker and Arthur L. Miller, Research Memorandum, September 1962.

<u>TRAINFIRE</u>:   Experimental Development of Improved Proficiency Tests and
            Training Methods for Improving the Effectiveness of Combat Rifleman
            (Department of the Army)

"A Possible Application of Vernier Acuity in Rifle Marksmanship," by
Charles K. Ramond, presentation to NRC-Armed Forces Vision Committee,
Washington, D.C., April 1954.

"Punch Pete: Low Cost Realism," by Seward Smith, in <u>Army Combat Forces
Journal</u>, 1955.

<u>Planning Sequence Used in the Logical Development of a Research Project
in the Field of Training</u>, Report, July 1955.

"The Sniper," by J. Daniel Lyons and William Cummings, September 1955.

"The Matter of Determining Optimal Course Length for TRAINFIRE Type Training"
by Francis E. Jones, October 1955.

<u>TRAINFIRE I: Account of Background, Objectives, and Basic Premises of
Project TRAINFIRE I</u>, Briefing Booklet, September 1956.

<u>Report of Test. Troop Test of TRAINFIRE I Marksmanship Course</u>, Report,
November 1956.

"Dead Aggressors -- Not Punctured Bullseyes," by Lt. Col. A.M. Kamp, 1957.

"Infantry Requirements in the Field of Training Devices and Their Overall
Performances," by COL Henry E. Kelly, presentation to National Inventors
Council, April 1957.

"TRAINFIRE: Infantry Requirements in the Field of Training Devices and
Their Overall Importance," by COL Henry E. Kelly, presentation to National
Inventors Council, April 1957.

"Dangerous Safety," by COL Henry E. Kelly, April 1958.

"How Fast Can You Hit Him?", by Howard C. Sarvis, October 1958.

<u>TRAINFIRE III - The Development of a Program of Squad Sniper Training for
Selected Rifleman</u>, Research Memorandum, 34 pp., December 1958.   AD-A059 983.

<u>TRAINFIRE IV: Background Research for a Sniper Specialist Training Program</u>,
by Harold G. Hunter and Robert F. Schroeder, Research Memorandum, 12 pp.,
December 1958.

<u>TRAINFIRE VI: Improved Devices for the Squad Marksmanship Program</u>, Research
Memorandum, December 1958.

TRAINFIRE: continued...

"The M14 Rifle Sights," by COL Henry E. Kelly, January 1960.

"Search--Fire--Check," by COL Henry E. Kelly, January 1960.

"The Rifle Marksmanship Zeroing Process," by COL Henry E. Kelly, February 1960.

"Time Pressure Marksmanship," by COL Henry E. Kelly, April 1960.

"Snipers--We Need Them Again," by COL Henry E. Kelly, June 1960.

"The Intermediate Elevation Firing Positions," by COL Henry E. Kelly, June 1960.

"Development of Hostile Resistance," by COL Henry E. Kelly, March 1961.

TRAINMAN: Development of an Instructional Program in Training Technology and Training Management (Department of the Army)

Preliminary Outline of a Course of Instruction on Training Management, by Norman Willard, Staff Paper, October 1966.

Glossary of Terms for Training Management Course, Research Product, April 1967.

Training Management: Section VIII: Quality of a Training System, by Eugene A. Cogan, Research Product, April 1967.

Briefing of USAR Training Division Commanders' Conference, by Norman Willard, Staff Paper, January 1968.

"Developing Performance Tests for Training Evaluation," by William C. Osborn, presentation to U.S. Continental Army Command Training Workshcp, Fort Gordon, Georgia, October 1971; issued as Professional Paper 3-73, February 1973. AD-758 436. ED-077 934.

"Framework for Performance Testing," by William C. Osborn, in Training in Business and Industry, vol. 11, no. 5, May 1974.

TRANSITION: Research on Factors of Civilian-Military Transition of Army
Recruits (Department of the Army)

"A Program for the Improvement of Recruit Training," by Richard Snyder
and John S. Caylor, February 1963.

Interim Report on the Relationship Between Aptitude and Post-BCT Per-
formance of Draftee Subjects in TRANSITION I Follow-Up Study, by John
S. Caylor, Interim Report, March 1965.

TREBLE: Exploratory Survey of Music as Used in Propaganda
(Department of the Army)

Utilization of Defected Music Performers, Staff Memorandum, August 1953.

Utilization of Music Performers, by James S. Young, Information Report,
August 1953.

Communist Vulnerabilities to the Use of Music in Psychological Warfare,
by James S. Young, Technical Report 4, March 1954.   AD-27 082.

Catalogue of Music Recordings for Propaganda Broadcasts to Selected
Communist Countries, by James S. Young, Research Product.   (CONFIDENTIAL),
March 1954.   AD-27 082.

Instruction Manual to Accompany TR 4, "Communist Vulnerabilities to the
Use of Music in Psychological Warfare," by James S. Cook, Research Product,
(CONFIDENTIAL), March 1954.   AD-27 082.

<u>TRIPLE-O-SEVEN</u>: A Performance-Based Training and Evaluation System for the Combat Arms (U. S. Army Research Institute for the Behavioral and Social Sciences)

<u>Development of an Individual Extension Training System for Managing and Conducting Training in the Army Unit</u>, by John E. Taylor, J. Richard Suchman, William H. Melching, and Hilton M. Bialek, Final Report FR-WD(CA)-76-18, November 1976; published by ARI as Technical Report 77-A8, October 1977. AD-A047 500.

<u>Personnel Turbulence and Time Utilization in an Infantry Division</u>, by Hilton M. Bialke, Diana W. Zapf, and Wendy J. McGuire, Final Report FR-WD-CA-77-11, June 1977.

"Personnel Turbulence and Time Utilization in an Infantry Division," by Hilton M. Bialek, presentation to the Military Testing Association conference, San Antonio, Texas, October 1977; issued as Professional Paper 3-77, December 1977. AD-A049 546.

<u>Continuation of Development of an Individual Extension Training System for Managing and Conducting Training in the Army Unit</u>, by Hilton M. Bialek, John E. Taylor, William H. Melching, Morris Showel, Mark F. Brennan, Jacklyn Hungerland and Michael McCluskey, Final Report FR-WD-CA-77-14, 72 pp., November 1977; published by ARI as Technical Report 78-B1. AD-A077 989.

<u>Application of the Individual Extension Training System: Guidelines for Materials Development and System Implementation</u>, Final Report FR-WD(CA)-78-12, November 1978.

<u>Skill Decay of Sixteen Common Tasks for MOS 11B and 11C</u>, by Michael R. McCluskey and Susan A. Schmidt, Final Report FR-WD-CA-78-13, 139 pp., November 1978. AD-A080 843.

<u>Development and Implementation of a Performance Based Training and Evaluation System for the Combat Arms</u>, by Hilton M. Bialek and Mark Brennan, Final Report FR-WD-78-14, November 1978; published by ARI as Technical Report 79-B4. AD-A075 431.

<u>TV</u>: Evaluation of Television in Army Training (Department of the Army)

"An Evaluation of Television as a Mass-Training Medium," October 1954.

<u>The Improvement of Television Instruction in Army Training: Application to Selected Hours in Basic Radio Circuits</u>, Staff Memorandum, 29 pp., August 1957. AD-A072 507.

TYPETRAIN: Development of Improved Army Typing Training Program
            and Materials (Department of the Army)

An Evaluation of Alternative Programs for Training Beginning Typists
in the Army, by Morris Showel, Technical Report 72-33, November 1972.
AD-755 501. ED-070 922.

"A Comparison of Alternative Media for Teaching Beginning Typists,"
by Morris Showel, Professional Paper 17-74, November 1974.   AD-A010 869.

2B12B: Cost and Training Effectiveness (CTEA) of the Prototype
        Rotor-Wing Single-Engine Aircraft Basic Instrument Flight
        Trainer, 2B12B   (U.S. Army Training Support Center)

An Analysis of the Training Effectiveness of Device 2B12B in the Instrument
Flight Training of Army National Guard Rotary Wing Aviators, by Robert N.
Isley, Wallace W. Prophet, Winon E. Corley and Paul W. Caro, Special Report
SR-ED-77-7, March 1977.

Cost Factors Relevant to Use of Device 2B12B in the Instrument Flight
Training of Army National Guard Rotary Wing Aviators, by Robert N. Isley,
Wallace W. Prophet, Winon E. Corley and Paul W. Caro, Special Report
SR-ED-77-8, April 1977.

Cost and Training Effectiveness Analysis (CTEA) of Device 2B12B, by Robert
N. Isley, Wallace W. Prophet, Winon E. Corley and Paul W. Caro, Final
Report FR-ED-77-9, May 1977.   AD-B026 572.

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UNCLE: Research Studies and Analyses on Procurement, Utilization
        Performance, Retention and Separation of Military Personnel
        (Office of the Assistant Secretary of Defense, Manpower and
        Reserve Affairs)

Army FY 1971 Accession Discharges for Failure to Meet Minimum Behavior or
Performance Criteria During FY 1971 and FY 1972 -- Comparison of Discharge
Rates for GED Holders and Other Educational Levels, by Kenneth C. Scheflen,
J. Robert Hamilton, and Leslie Willis, Consulting Report CR-D7-73-65,
July 1973.

Home of Record of Enlisted Personnel on Active Duty as of 30 June 1972,
by Robert J. Brandewie, Consulting Report CR-D7-73-66, July 1973.

Racial and Ethnic Group Composition of the Male Enlisted Force: 30 June
1971 and 30 June 1972, by Robert J. Brandewie, Consulting Report
CR-D7-73-67, August 1973.

Racial and Ethnic Group Composition of the Male Officer Force as of 30 June
1972, by Robert J. Brandewie, Consulting Report CR-D7-73-68, August 1973.

Profile of Military Separatees by Age and Education Level: FY 71, FY 72,
and First Half FY 73 Separations, by Kenneth C. Scheflen, Consulting Report
CR-D7-73-69, August 1973.

Age Distribution of Female Personnel on Active Duty as of 31 December 1972,
by Kenneth C. Scheflen, Consulting Report CR-D7-73-70, August 1973.

Three Digit DoD Occupational Distribution of the Enlisted Force - By Service
and DoD as of 31 December 1972, by Kenneth C. Scheflen, Consulting Report
CR-D7-73-71, August 1973.

Unemployment Ten to Twelve Months After Separation for Army First-Term
Enlisted Separatees: 1969, 1970, and 1971 Separatees, by Kenneth Scheflen,
Robert J. Brandewie and Louis Pales, Consulting Report CR-D7-73-72, August 1973.

Characteristics of DoD First-Term Male Enlisted Separatees: 1970, 1971, and
1972 Separations, by Kenneth C. Scheflen and Robert J. Brandewie, Consulting
Report CR-D7-73-73, August 1973.

Mental Qualification of Preinductees Examined for Military Service: Cross
Tabulations of Their AFQT Percentile Scores by Educational Attainment - By
Race and Geographic Areas. Fiscal Years 1971 and 1972, by Bernard D. Karpinos,
Consulting Report CR-D7-73-74, August 1973.

A. Review of the RAND Study "Physical Standards in An All-Volunteer Force;
B. A Brief Assessment of the Military Medical Procurement Standards and
Their Implementation; and C. Related Problems, by Bernard D. Karpinos,
Consulting Report CR-D7-73-75, August 1973.

UNCLE: continued...

Attrition From Service of FY 71 and FY 72 Medically Remedial Enlistment Program Accessions, by Kenneth C. Scheflen and Louis Pales, Consulting Report CR-D7-73-77, August 1973.

Profile of Military Separatees by Age, Education Level and Race: FY 71, FY 72 and First Half FY 73 Separations, by Kenneth C. Scheflen and Louis Pales, Consulting Report CR-D7-73-78, August 1973.

An Analysis of the 1972 DoD Voting Survey, by John R. Goral, Consulting Report CR-D7-73-79, August 1973.

Racial Composition of Commissioned Officers Serving on Active Duty as of 30 June 1971, 30 June 1972, and 31 December 1972, by Service and Year of Entry into Officer Ranks, by Robert Brandewie and Richard Wells, Consulting Report CR-D7-73-76, September 1973.

Retention Among Air Force Commissioned Officers by Race and Year and Entry Into Officer Ranks, as of 30 June 1971, by Robert Brandewie and Richard Wells, Consulting Report CR-D7-73-80, September 1973.

Mental Group Profile of the Enlisted Career Forces as of 31 December 1972 by Race and Service by Kenneth C. Scheflen and Leslie Willis, Consulting Report CR-D7-73-81, September 1973.

One Year With the Combat Arms Enlistment Bonus, by Richard L. Eisenman, Consulting Report CR-D7-73-82, September 1973.

Trends in the Geographic Distribution of Male Non-Prior Service Enlistees: July and August 1971, 1972, 1973 Enlistees by Race and Service, by Kenneth C. Scheflen, Consulting Report CR-D7-73-87, September 1973.

Assessment of the Current Medical Procurement Standards in a Volunteer Environment, by Bernard D. Karpinos, Consulting Report CR-D7-73-86, October 1973.

Medical Standards for Retention: Their Underlying Rationale and Applicability, by Bernard D. Karpinos, Consulting Report CR-D7-73-88, October 1973.

Retention Rates and Composition of the Male Enlisted Force by Race and Year of Entry to Active Service as of 30 June 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-73-89, October 1973.

Market Share Analysis of Male Non-Prior Service Enlistees by Geographic Area: July and August 1971, 1972, and 1973 Accessions, by Kenneth C. Scheflen, Consulting Report CR-D7-73-90, October 1973.

Average Years of Service for Army Male Negro and Non-Negro Non-Prior Service Enlistees as of 30 June 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-73-93, October 1973.

Average Years of Service for Male Enlisted Personnel by Service as of 30 June 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-73-94, October 1973.

Average Years of Service for Male and Female Enlisted Personnel: By Individual as of 30 June 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-73-95, October 1973.

Separations for Failure to Meet Minimum Behavior or Performance Criteria: January 1971 to June 1972 Army Accessions by Lottery Group, by Kenneth C. Scheflen, Consulting Report CR-D7-73-96, October 1973.

Discharges for Failure to Meet Minimum Behavior or Performance Criteria: Separations Among July-December 1970 Male Enlistees by Service, Race, Mental Group, Education Level, and Age of Entry as of 30 June 1973, by Peter Gould and Kenneth C. Scheflen, Consulting Report CR-D7-73-97, October 1973.

Geographic Trends in the Distribution of Male NPS Enlistees: First Quarter FY 74, by Kenneth C. Scheflen, Consulting Report CR-D7-73-98, November 1973.

Education as an Enlistment Incentive, by Richard Eisenman, Consulting Report CR-D7-73-99, November 1973.

The GI Bill as an Enlistment Incentive, by Richard Eisenman, Consulting Report CR-D7-73-100, November 1973.

Assessment of the Current Medical Procurement Standards in a Volunteer Environment (Supplementary Analysis to CR-D7-73-86), by Bernard D. Karpinos, Consulting Report CR-D7-73-101, November 1973.

Active Duty Warrant and Commissioned Officers Serving as of 30 June 1973: Paygrade by Years of Service and by Age for Medical, Non-Medical and All Officers, by Robert J. Brandewie, Consulting Report CR-D7-73-102, November 1973.

An Analysis of Free Response Reasons for Enlisting in the Miliary (April-August 1973), by John Goral, Heather Suess and Andrea Lipowitz, Consulting Report CR-D7-73-103, November 1973.

Discharges for Failure to Meet Minimum Behavior or Performance Criteria: Separations Among FY 1971 Male Enlistees by Service, Race, Mental Group, Education Level, and Geographical Region of Entry as of 30 June 1973, by Peter Gould, Consulting Report CR-D7-73-104, November 1973.

"Use of Automated Data Files in Manpower Research," by Eli S. Flyer (OASD (M&RA)) and Kenneth C. Scheflen, presentation to MORS Symposium, U.S. Naval Postgraduate School, Monterey, California, November 1973.

Assessment of the Current Medical Procurement Standards in a Volunteer Environment (Summary of the Main Recommended Changes -- A Supplementary Analysis to CR-D7-73-86), by Bernard D. Karpinos, Consulting Report CR-D7-73-105, December 1975.

Results from the July 1973 Administration of the Overseas Dependent Drug Survey, by John Goral and Heather Suess, Consulting Report CR-D7-73-109, December 1973.

Separations During FY 71, FY 72, and FY 73: Cause by Race, Educational Level, Sex and Service, by Robert J. Brandewie and J. Robert Hamilton, Consulting Report CR-D7-74-1, January 1974.

Review of Service Advertising Budgets FY 1973-75, by Dan Huck, Consulting Report CR-D7-74-2, January 1974.

The Application of Economic Theory to Recruiting and Advertising, by Dan Huck, Consulting Report CR-D7-74-3, January 1974.

Home of Record for Personnel Serving on Active Duty as of 30 June 1973 by Service and DoD, by Robert Brandewie, Consulting Report CR-D7-74-4, February 1974.

Trends in the Racial and Geographic Composition of Male Non-Prior Service Accessions: July-December 1971, July-December 1972, and July-December 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-74-5, February 1974.

Potential Gains in Military Manpower that Might Result from the Proposed Changes in the Current Military Physical Standards, by Bernard D. Karpinos, Consulting Report CR-D7-74-6, February 1974.

Female Separations for Marriage, Pregnancy, and Failure to Meet Minimum Behavior or Performance Criteria: By Period of Accessions, Length of Service, and Service as of 30 June 1973, by Peter Gould, Consulting Report CR-D7-74-7, February 1974.

Discharges for Failure to Meet Minimum Behavior or Performance Criteria: By Selected Characteristics for Geographical Region of Entry, by Peter Gould, Consulting Report CR-D7-74-8, February 1974.

Discharges for Failure to Meet Minimum Behavior or Performance Criteria: By Selected Characteristics for Age at Entry, by Peter Gould, Consulting Report CR-D7-74-9, February 1974.

Enlisted Personnel Separated During FY 71, FY 72, FY 73: Character of Service by Fiscal Year of Separation, by Robert Brandewie, Consulting Report CR-D7-74-10, February 1974.

Attrition Rates for Unsatisfactory Performance or Behavior Among First Term Enlisted Personnel, by Peter Gould, Consulting Report CR-D7-74-143, February 1974.

Attrition Rates for Failure to Meet Minimum Behavior or Performance Criteria by Geographical Region of Entry, by Peter Gould, Consulting Report CR-D7-74-144, February 1974.

Feasibility Study: Development and Implementation of Manpower Management Information System, by Robert Brandewie and Louis Pales, Consulting Report CR-D7-74-135, March 1974.

Assessment of the Current Medical Procurement Standards in a Volunteer Environment -- Summary of Findings and Recommendations, by Bernard D. Karpinos, Consulting Report CR-D7-74-136, March 1974.

Age by Years of Education for Officer and Enlisted Personnel Serving on Active Duty as of 30 June 1972 and 30 June 1973, by Robert Brandewie, Consulting Report CR-D7-74-137, March 1974.

DoD Civilians at the GS-13 Level: Comparison of 1964 and 1973 by Occupation, by Kenneth C. Scheflen, Consulting Report CR-D7-74-139, April 1974.

Trends in Non-Prior Service Male Enlistments: July-December 1971 and July-December 1973 Enlistees by Service, Race, Mental Group, Education and Geographical Region of Entry, by Peter Gould and J. Robert Hamilton, Consulting Report CR-D7-74-139, April 1974.

DoD GS 16, 17 and 18 Personnel: 1964 versus 1973, by Kenneth C. Scheflen, Consulting Report CR-D7-74-140, May 1974.

American Male Youths Examined for Military Service: Height by Race, Selected Ethnic Groups, Age, and Selected Geographic Areas, Fiscal Year 1972, by Bernard D. Karpions, G. Lee Giesecke and Kenneth C. Scheflen, Consulting Report CR-D7-74-141, May 1974.

UNCLE: continued...

Enlisted Turnover, by Richard L. Eisenman, Richard J. Orend, John D. Harris, and Leslie S. Rigg, Consulting Report CR-D7-74-149, July 1974.

The Use of Spanish Surnames as a Means of Identifying Latinos in the United States and Puerto Rico, by G. Lee Giesecke, Professional Paper 22-74, December 1974. AD-A004 017. ED-100 591.

UNIFECT: Procedures for Increasing the Effectiveness of Small Infantry-Type Units (Department of the Army)

Mathematical Treatments of Sociometric Data, by Bruce Bundsen, Research Memorandum, January 1963.

"Task Dimensions and Group Structures," by Clay E. George, January 1963.

"Intrateam Coordination in Rifle and Grenade Training," February 1963.

"Cluster Analysis of Team Task Motivation Items," by Stanley H. Cohen, August 1963.

"Transfer Effects of Team Training," November 1963.

"A Re-Analysis and Summary of Team Firing Problems: Experiments I, II, and III," by Clay E. George, November 1963.

"UNIFECT: Development of Procedures for Increasing the Effectiveness of Small Infantry-Type Units," by LTC T. E. Lawrence and T. O. Jacobs, presentation to Headquarters, U.S. Continental Army Command, Fort Monroe, Virginia, August 1964.

Procedures for the Elicitation and Analysis of Team Coordinate Responses, by Adie V. McRae, Research Memorandum, December 1964.

"The Role of Primary Groups in Combat Units," by T. O. Jacobs, presentation to Canadian Land Forces Command and Staff College, Kingston, Ontario, Canada, November 1969.

UNIT: Evaluation and Improvement of Tank Platoon Training
      (Department of the Army)

Appendix B: The Tank Platoon Combat Readiness Check, by Robert Baker
and John Cook, Research Product.

A Survey of Problems in the Tactical Training of Armor Units, by Robert
Baker, Technical Report 74, December 1961.   AD-327 759.

User Manual for the Miniature Armor Battlefield (MAB), Appendix A:
Tank Platoon Tactical Exercises Used With the Miniature Armor Battle-
field; Appendix B: Criterion Tests Used for Evaluating the Effectiveness
of MAB Training; and Appendix C: Criterion Tests, by Robert A. Baker and
John G. Cook, Research Product, March 1962.   AD-A072 530 (Manual);
AD-A072 531 (Appendix A and B); AD-A072 532 (Appendix C).

User Manual for the Armor Combat Decisions Game (CDG), by Robert A.
Baker and John G. Cook, Research Product, December 1962.

"Development and Evaluation of Systems for the Conduct of Tactical Training
at the Tank Platoon Level," by Norman Willard, presentation for Commanding
General, U.S. Continental Army Command, Fort Monroe, Virginia, March 1963.

"HumRRO Research on Miniaturization of the Armor Battlefield," by Norman
Willard, Jr., and Robert A. Baker, presentation to OACSFRO, Department of
the Army, Washington,D.C., April 1965.

UNIVAL: A Study to Determine the Morale Value of Certain Types of
         Uniforms and Accessories (Department of the Army)

Changes in Morale Subsequent to Issue of Infantry Blue Clothing Items,
by Robert L. Egbert and Tor Meeland, Information Report, May 1953.

UPGRADE: Improving Aviation Maintenance Training Through Task and
Instructional Analysis (Department of the Army)

UH-1 Helicopter Mechanic (MOS67N20) Job Description Survey: Background,
Training, and General Maintenance Activities, by Russel E. Schulz,
Barbara K. FitzGerald and Wallace W. Prophet, ±echnical Report 73-33,
December 1973.   AD-775 390.

UH-1 Helicopter Mechanic (MOS 67N20) Job Description Survey: Performance
of Specific Maintenance Tasks, by Russel E. Schulz, Barbara K. FitzGerald,
and Wallace W. Prophet, Technical Report 75-13, June 1975.   AD-A016 968.

UPSTREAM: Procedures for Anticipating Training Requirements for Future
Air Defense Guided Missile Systems (Department of the Army)

Forecasting Training Requirements for New Weapons: The Hawk Missile
System, by Robert A. Goldbeck and Emanuel Kay, Subcontractor's Report,
May 1958. (Subcontractor: American Institutes for Research).   AD-C003 564.

The Role of User Service Tests and Army Conducted System Training in
Establishing Training Requirements for New Weapons Systems, by W. Loren
Williams, Jr., Milton A. Grodsky and Harold C. Strasel, Research
Memorandum, 20 pp., December 1959.   AD-A950 121.

USAREUR: Operational Readiness and Adaptation Enhancement in USAREUR
(U.S. Army Research Institute for the Behavioral and Social
Sciences)

Company Commander in Transition, Final Report, undated.

Validation of Tank Gunnery Training Tasks, by Gary Kress, Final Report,
undated.

"Tne Time Factor in Attrition Among Army Enlisted Personnel in USAREUR,"
by Richard J. Orend, undated.

Operator's Inspection Guide for M151A1 and A2, by William Buxton, Research
Product, January 1979.

Tryout of Prototype Operator Maintenance Checklist for M151A1/A2, by
William Buxton, Report, January 1979.

Analysis of Tactical Training Environments for Transfer of Training Appli-
cations, by Gary Kress, Howard G. Hill, and Wendy J. McGuire, Interim
Report, January 1979.

The Application of Organization Effectiveness Techniques to Combat
Exercises, by Richard L. Miller, Final Report, 32 pp., June 1979.

"The Impact of Command Transition on Leader Behavior," by Richard L.
Miller, August 1979.

Analysis of Performance Requirements for USAREUR Tank Table IX; Platoon
Battle Run, by Gary Kress and Wendy J. McGuire, Interim Report, 64 pp.,
August 1979.

"The Impact of Environmental Variation on Performance," by Richard L. Miller,
presentation to Americal Sociological Association meeting, Boston, Mass.,
August 1979.

Tank Platoon Training Program Outline for USAREUR Units, by Wendy J. McGuire
and Gary Kress, Final Report, 53 pp., September 1979.

"Barracks Living: Effects of Stimulus Reduction/Enrichment on Performance
Skills," by Richard L. Miller and William W. Haythorn, presentation to
American Psychological Association meeting, New York, N. Y., September 1979.

Implementation and Evaluation of the Tank Crew Training Program for USAREUR
Units, by Gary Kress and Wendy J. McGuire, Interim Technical Report, September
1979; published by ARI as Research Note 79-40, September 1979. AD-AO79 371.

USAREUR: continued...

Development of a Methodology for Measuring Transfer of Training Effects
for Tactical Training Systems, by Howard G. Hill and Gary Kress, Final
Report, 137 pp., September 1979; published by ARI as Research Note 80-6.
AD-A082 707.

Battalion Training Management Research in USAREUR: A Selective Review,
by Thomas G. Sticht and Howard G. Hill, Final Report, September 1979.

The Effects of Leader Transition on Unit Performance: An Evaluation of
the COMTRAIN Transition Guide, by Richard L. Miller, Final Report, October
1979.

Adaptability and Enlistment Tour Length, by Richard J. Orend, Interim
Report, November 1979.

Integrated Tank Gunnery Training Program for LTA's, Report, 1980.

Integrated Tank Gunnery Training Program Outline for USAREUR Units, by
Batia Sharon, Gary Kress and Wendy J. McGuire, Final Report, 126 pp.,
May 1980.

Prototype Tank Gunnery Training Program for USAREUR Units, by Batia
Sharon, Gary Kress and Wendy J. McGuire, Interim Report, 121 pp., May
1980.

Analysis of Performance Requirements for Tank Table IX, Platoon Battle
Run, at Three USAREUR Major Training Areas, by Wendy J. McGuire, Interim
Report, 53 pp., June 1980.

Adaptability and Enlistment Tour Length, by Richard J. Orend, Interim Report,
August 1980.

The Effects of Barracks Isolation on Military Personnel, Final Report,
September 1980.

The Impact of STOV on Unit Time Utilization, Final Report, September 1980.

Adaptation to USAREUR: The First Six Months, by Richard J. Orend, John
R. Rice and Marsha J. Wallace, Final Report, September 1980.

Perspectives on Battalion Training Management, by Howard Hill and Thomas
Sticht, Final Report, September 1980.

"Adaptation to USAREUR: The First Six Months," by Richard J. Orend,
presentation to Military Testing Association conference, Toronto,
Canada, October 1980.

USAREUR: continued...

Coping and Adaptation: Theoretical and Applied Perspectives, by
Rosemary Dawson, Batia Sharon, Kathy Brooks and Wendy J. McGuire,
Interim Report, December 1980.

Validation of Tank Gunnery Training Tasks, by Gary Kress, Final
Report, 96 pp., March 1981; published by ARI as Technical Report
521, September 1981.

Work Motivation: Theory and Practice, by Gary Kress, Batia Sharon
and David Bassan, Interim Report, 138 pp., March 1981.

The Impact of STOV on Unit Time Utilization, by Richard J. Orend
and Marsha J. Wallace, Research Report, May 1981.

Adaptation to USAREUR: The First Six Months, by Richard J. Orend,
John R. Rice and Marsha J. Wallace, Working Paper, June 1981.

Work Motivation: Theory and Practice, by Gary Kress, Batia Sharon and
David Bassan, Interim Report, 90 pp., July 1981.

An Investigation of Coping and Adaptation in USAREUR: Criteria of
Adaptation, Life Role Demands Faced by First Term Enlistees, and
Services Provided by USAREUR Agencies, Report with Appendices A
through K, 1981.

UTILITY: Study of Men in Lower Mental Categories: Job Performance and
          the Identification of Potentially Successful and Potentially
          Unsuccessful Men (Department of the Army)

"The Interchangeability of Job Sample Tests and Job Knowledge Tests in
Four Army Jobs," by Robert Vineberg and Elaine N. Taylor, presentation
to American Psychological Association meeting, Honolulu, Hawaii, 1972.
ED-073 130.

Performance in Four Army Jobs by Men at Different Aptitude (AFQT) Levels:
3. The Relationship of AFQT and Job Experience to Job Performance, by Robert
Vineberg and Elaine N. Taylor, Technical Report 72-22, August 1972.
AD-760 603.   ED-072 110.

Performance in Four Army Jobs by Men at Different Aptitude (AFQT) Levels:
4. Relationships Between Performance Criteria, by Robert Vineberg and
Elaine Taylor, Technical Report 72-23, August 1972. AD-730 604.

UTRAIN: Research on Methods of Enhancing the Training Capability of
Unit Training Personnel(U.S. Army Research Institute for
the Behavioral and Social Sciences)

Research on Methods of Enhancing the Training Capability of Unit Training
Personnel Phase I: Problem Definition, Interim Report IR-D2-73-4, April
1973.

Research on Methods of Enhancing the Training Capability of Unit Training
Capability of Unit Training Personnel Task 3: Course Outline, Interim
Report IR-D2-73-5, August 1973.

UTRAIN Videotapes, Research Product, 1975; produced by TV Branch, TASO,
Ft. Benning, Georgia, as UTRAIN Series No. 0617, No. 0618, No. 0619 and
No. 0643.

Instruction for Unit Trainers in How To Conduct Performance Training.
Volume I: Course Development, by William C. Osborn, J. Patrick Ford,
Harold L. Moon, and Roy C. Campbell, Final Report FR-CD(L)-75-3, June
1975; published by ARI as Research Report 1189, Development of New
Training Concepts and Procedures for Unit Trainers, March 1976.
JASA MS No. 1490.   AD-A024 207.

Instruction for Unit Trainers in How To Conduct Performance Training.
Volume 2: Course Outline, by William C. Osborn, J. Patrick Ford,
Harold L. Moon and Roy C. Campbell, Final Report FR-CD(L)-75-3, June
1975; published by ARI as Special Publication P-75-2, Course Outline:
Instruction for Unit Trainers in How to Conduct Performance Training,
September 1975.   AD-A017 722.

"Now Hear This: Report on HumRRO Research on Performance-Based Training,"
by J. Patrick Ford, in Training, February 1976.

VAENABLE: Supply Data from Disabled Veterans
(Veterans Administration)

Documentation for Data From HumRRO Disabled Veteran Survey, by Thurlow R. Wilson and Helen Hagan, Research Product RP-ED-75-15, August 1975.

VALAB: Evaluation of the Predictive Validity of the Literacy
Assessment Battery (LAB)
(Office of the Assistant Secretary of Defense, Manpower,
Reserve Affairs and Logistics)

Manual for the Administration and Interpretation of the Literacy Assessment Battery (LAB), by Thomas G. Sticht, Lydia R. Hooke and John S. Caylor, Final Report FR-ETSD-81-10, 80 pp., May 1981.   AD-A115 041.

Literacy, Oracy, and Vocational Aptitude as Predictors of Attrition and Promotion in the Armed Services, by Thomas G. Sticht, Lydia R. Hooke, and John S. Caylor, Final Report FR-ETSD-81-11, September 1981.   AD-A115 083.

VALID: Development and Evaluation of Self-Instructional Materials on
Validation Procedures for Skill Qualification Tests
(U.S. Army Research Institute for the Behavioral and Social
Sciences)

"An Overview of the Skills Qualification Test Development Workshop," by Charlotte H. Campbell, J. Patrick Ford, and Roy C. Campbell, presentation at Military Testing Association conference, San Antonio, Texas, October 1977; included in Professional Paper 4-78, Military Testing: Knowledge and Skills; Criticality and Reliability, February 1978.   AD-A054 953.

Development of Procedures to Review, Administer, and Evaluate Skill Qualification Tests, by Patrick Ford, Roy C. Campbell, and Charlotte H. Campbell, Final Report FR-WD(KY)-79-4, 172 pp., July 1979.

<u>VEAP-SURVEY</u>:   Survey of VEAP Enrolles and Eligible Non-Participants
                   (Office of the Assistant Secretary of Defense, Manpower,
                   Reserve Affairs and Logistics)

<u>Survey of Participants and Inactive/Former Participants in the Post-Vietnam
Era Veteran's Educational Assistance Program: Results and Conclusions</u>, by
Mark J. Eitelberg and John A. Richards, Final Report FR-ETSD-80-11, 142 pp.,
September 1980.

<u>VE-TRAIN</u>:   Methods for Improving Training for Automotive Maintenance
                (Department of the Army)

<u>Consolidation of Organizational Maintenance MOS 631 and 632</u>, by John P. Smith,
Consulting Report, April 1962.

"Implementation of Organizational Vehicle Maintenance Training (MOS 631),"
presentation to Commanding General, U. S. Continental Army Command, Fort
Monroe, Virginia, March 1963.

<u>A Sample Test for Assessing Army Equipment Record System Proficiency</u>, by
John P. Smith, Research Product, October 1963.

<u>Summaries of Job Levels, Annex 11 to Job Requirements for Consolidated MOS
630, 631, 632 (Automotive Mechanic)</u>, by John P. Smith, Consulting Report,
March 1964.

<u>Job Requirements for Consolidated MOS 630, 631, 632 (Automotive Mechanic)</u>,
by John P. Smith, Consulting Report, March 1964.

<u>VETS</u>: Statistical Evaluation of the Veterans Outreach Program and Process
Description (National League of Cities/U.S. Conference of Mayors)

<u>Estimates of G.I. Bill Utilization in Twelve Target Cities</u>, by Kenneth
C. Scheflen, Research Product, June 1972.

<u>Veterans Education and Training Service (VETS): Interim Evaluation Report
March 1973</u>, by Kenneth C. Scheflen, Robert J. Brandewie and Charles S.
Ruberg, Interim Report, March 1973.

<u>Statistical Evaluation of the Veterans Outreach Program and Process
Description</u>, Final Report, 1973.

<u>Veterans' Education and Training Service (VETS) Program of the National
League of Cities and U.S. Conference of Mayors</u>, by Kenneth C. Scheflen
and Robert J. Brandewie, Technical Report 73-31, December 1973.
PB-226 895.   ED-122 052.

<u>VIDEO</u>: To Develop Specifications and Programs for Portions of the
CHARGE System (IBM Canada, Ltd.)

<u>Preliminary CHARGE Author Language Reference Manual</u>, by Ronald J. Swallow,
Roger Gunwaldsen, William Underhill, Interim Report IR-ED-75-20, August
1975.

<u>CHARGE System Enhancement Study</u>, by Ronald J. Swallow and Roger Gunwaldsen,
Final Report FR-ED-76-2, February 1976.

<u>VIGIL</u>: Methods and Techniques for Improving Performance of Air Defense
Missile Operator Personnel (Department of the Army)

<u>The Feasibility of Research Concerning the Value of Live Firing for
Training Missile Units</u>, by Robert D. Baldwin, Research Memorandum,
May 1960.

<u>NIKE AJAX Acquisition Operator Operating Procedures: A Job Specification</u>,
by I. Charles Klein, Research Product, 1961.

<u>NIKE HERCULES Acquisition Operator Operating Procedures: A Job Specification</u>,
by A. Dean Wright, Research Product, 1961.

<u>Problems Encountered in Evaluating Missile Firing Proficiency</u>, by Robert
D. Baldwin and Harry Anderson, Research Report, 73 pp., June 1961.

<u>Use of Neutral Density Filters for Adjusting the NIKE HERCULES P-19 Phosphor
Radar Indicator</u>, by A. Dean Wright and Robert D. Baldwin, Interim Report,
January 1962.

"Target Detectability as a Function of Target Speed, Noise Level, and
Location," by Robert D. Baldwin, Davis J. Chambliss, and A. Dean Wright,
in <u>Journal of Applied Psychology</u>, vol. 46, no. 1, February 1962.

<u>VISION</u>: Evaluation of an Experimental Armed Forces Vision Tester
(Department of the Army)

"The Distribution of Instrumental Diopter Settings in the Army Population
and Their Relation to Pertinent Visual Variables," by Howard C. Olson
and Norman Willard, Jr., presentation at the Armed Forces-NRC Vision
Committee meeting, Washington, D.C., April 1954.

"Test-Retest Reliability of the Experimental Model of the American
Optical Company Armed Forces Vision Tester, by Howard C. Olson, presentation
at the Armed Forces-NRC Vision Committee meeting, Washington, D.C.,
April 1954.

<u>VOLAIR</u>: A Study of the Comparison of Basic Trainees (Non-Airborne Volunteers) and Airborne Volunteers on Demographic, Attitude, and Personality Characteristics (Department of the Army)

<u>A Survey of the Physical Training Program of the Basic Airborne Training Course</u>, Staff Memorandum, October 1953.

"The Effect of Various Interview Techniques in Evoking Fear Responses," by Charles Windle, Howard H. McFann and Joseph Ward, 1954.

"A Comparison Between the Peacetime Psychiatric Casualty Rates of Parachutists and Non-Parachutists," by Charles Windle and Major Harold E. Parker, 1954.

<u>VOLAR</u>: Support of the Army's Field Experimentation in Service Attractiveness and Training Programs--VOLAR EVALUATION (Special Assistant for the Modern Volunteer Army (SAMVA), Headquarters, Department of the Army)

<u>The Experimental Volunteer Army Training Program: A Pictorial Report</u>, Research Product, January 1972.

<u>The Concepts of Performance-Oriented Instruction Used in Developing the Experimental Volunteer Army Training Program</u>, by John E. Taylor, Eugene R. Michaels, and Mark F. Brennan, Technical Report 72-7, 71 pp., March 1972. AD-743 851. ED-064 588.

<u>Attitudinal Studies of the VOLAR Experiment, 1972: First Administration</u>, by S. James Goffard, James S. DeGracie and Robert Vineberg, Interim Report IR-D3-72-1, April 1972.

"An Analysis of the Impact of VOLAR (Volunteer Army) Actions at Fort Benning," by T. Owen Jacobs, presentation at Psychology in the Air Force Symposium, USAF Academy, Colorado, April 1972.

<u>Summary and Review of Studies of the VOLAR Experiment, 1971: Installation Reports for Forts Benning, Bragg, Carson and Ord, and HumRRO Permanent Party Studies</u>, by Robert Vineberg and Elaine N. Taylor, Technical Report 72-18, May 1972. AD-744 449. ED-068 742.

<u>Attitudinal Studies of the VOLAR Experiment: Permanent Party Personnel, 1971</u>, by S. James Goffard, James S. DeGracie and Robert Vineberg, Technical Report 72-25, August 1972. AD-752 103.

"Need Functioning at Four Stages in Military Service," by Elaine N. Taylor, Robert Vineberg, S. James Goffard and James S. DeGracie, presentation to the American Psychological Association meeting, September 1972. ED-073 177.

<u>Attitudinal Studies of the VOLAR Experiment: Men in Training, 1971</u>, by S. James Goffard, James S. DeGracie and Robert Vineberg, Technical Report 72-31, October 1972. AD-753 599.

<u>Attitudinal Studies of the VOLAR Experiment: A Longitudinal Study, 1971-72</u>, by S. James Goffard, James S. DeGracie and Robert Vineberg, Technical Report 73-6, March 1973. AD-758 873.

<u>VOTE-80</u>: 1980 Post-Election Survey: A Study of Absentee Voting Among
American Military Personnel and Federally- and Privately-Employed
Civilians Living Outside the United States (Federal Voting
Assistance Program, Office of the Secretary of Defense)

<u>Absentee Voting in 1980: Results from the Post-Election Voting Surveys</u>,
by Peter F. Ramsberger, Final Report FR-ETSD-81-6, 199 pp., May 1981.

WACLEAD: Expanding and Improving the WAC Leadership Training Course for Junior Officers (Department of the Army)

Leadership and Women in Organizations, by Douglas S. Holmes, Research Product, July 1969. JSAS MS. No. 1399. AD-A026 601.

Instructor's Guide: Leadership Instruction for WAC Junior Officers, by Janet F. Lingle and Douglas S. Holmes, Research Product, July 1969. AD-A026 602.

Practical Exercises: WAC Leadership Discussion Topics, by Janet F. Lingle, Research Product, July 1969. AD-A026 600.

"Do Personality and Social Psychologists Study Men More Than Women," by Douglas S. Holmes and Bruce W. Jorgenson, in Representative Research in Social Psychology, Spring 1970; issued as Professional Paper 8-71, June 1971. AD-731 914.

WASHOE: Evaluation of Washoe County School District Program, "Sequential
         Approach to Vocational Education" (University of Nevada)

<u>An Examination of the In-Service Teacher Training Program of Washoe County
School District</u>, by Hilton M. Bialek, Consulting Report, December 1969.

<u>The Washoe County School District Sequential Approach to Vocational Education,</u>
by John E. Taylor:

    Interim Evaluation Report No. 1, October 1970.

    Interim Evaluation Report No. 2, March 1971.

    Interim Evaluation Report No. 3, May 1971.

    Interim Evaluation Report No. 4, July 1971.

    Interim Evaluation Report No. 5, November 1971.

    Interim Evaluation Report No. 7, May 1972.

    Interim Evaluation Report No. 8, June 1972.

<u>The Washoe County School District Sequential Approach to Vocational
Education - An Exemplary Project</u>, by Len L. Trout (University of
Nevada), Interim Report, July 1972.

<u>The Washoe County School District - Sequential Approach to Vocational
Education - An Exemplary Program in Vocational Education</u>, by John E.
Taylor;

    Interim Evaluation Report No. 9, October 1972.

    Interim Evaluation Report No. 10, December 1972.

    Interim Evaluation Report No. 11, April 1973.

WASHOE-EVAL: Continuation of Evaluation of Washoe County School District
              Program: "Sequential Approach to Vocational Education"
              (Washoe County School District, Nevada)

Evaluation of the Project, by John E. Taylor, Research Product, August 1973.

The Washoe County School District Sequential Approach to Vocational Education
(SAVE), Final Report, October 1974.

WAYNE: Career Education Interest Inventory Assessement
        (Wayne County Intermediate School District,

Career Education Interest Inventory Assessment, by Ellyn S. Bloomfield,
Final Report FR-ED-76-51, December 1976.   ED-135 830.

WHOLEPART: A Comparison of the Whole and Part Methods of Marksmanship
            Training (Department of the Army)

A Comparison of the Whole and Part Methods of Marksmanship Training,
Frank J. McGuigan, Information Report, July 1953.

"A Comparison Between the Whole Method and the Part Method in the
Acquisition of a Complex Perceptual-Motor Skill, Rifle Marksmanship,"
by Frank J. McGuigan and Eugene P. MacCaslin, presentation to Midwestern
Psychological Association meeting, 1954.

"Effect of a Shortened Period of Instruction in Sighting and Aiming the
M1 Rifle on Rifle Marksmanship, " by Donald Lewis, 1954.

"A Procedure to Obtain Accurate M1 Known-Distance Scores, " by Victor
H. Denenberg, 1955.

"A Comparison of Two Sequences of M1 Rifle Instruction," by Victor H.
Denenberg, 1955.

Studies of Rifle Marksmanship: Relationships Between Small Arms Scores
and the Abilities Related to Firing Skill, by Victor H. Denenberg and
Eugene A. Cogan, Staff Memorandum, November 1956.

WIGWAG: Survey of a Technical Training School
(Department of the Army)

The Typical Student in the Enlisted Department of the Signal School,
by S. James Goffard, Interim Report, November 1952.

Some Problems of Student Motivation in an Army Technical Training
School, by S. James Goffard and Rita O. Hausknecht, Information Report,
May 1954. AD-A015 507.

WIN: Analyses of WIN Team Functioning and Job Requirements
(Manpower Administration, U.S. Department of Labor)

Analyses of WIN Team Functioning and Job Requirements. Phase I: Duties
and Tasks Performed by Teams and Team Members, by Richard P. Kern and
John S. Caylor, Technical Report 71-19, August 1971. PB-202 811. ED-062 562.

Development of a Program of Instruction for WIN Employability Orientation,
by William C. Osborn, G. Gary Boycan and Donald F. Haggard, Technical
Report 72-3, February 1972. PB-210 090. ED-060 442.

An Instructional Program for Employability Orientation, by William C. Osborn,
Donald F. Haggard, G. Gary Boycan, Ronald W. Spangenberg, John D. Engel and
Willard H. Pratt, Technical Report 72-4, February 1972. PB-207 395.
ED-064 491.

Analyses of WIN Team Functioning and Job Requirements, Final Report: Duties
Performed and Style of Functioning, in Relation to Team Effectiveness, by
Richard P. Kern, Technical Report 72-12, April 1972. PB-210 463. ED-130 041.

WIRE-STRIKE: Civil Helicopter Wire Strike Assessment Study
               (Ames Research Center, National Aeronautics and Space
               Administration)

Civil Helicopter Wire Strike Assessment Study, Volume 1, by Clyde H.
Tuomela and Mark F. Brennan, Final Report FR-MTRD(CA)-80-13, 65 pp.,
October 1980.

Civil Helicopter Wire Strike Assessment Study, Volume II: Accident
Analysis Briefs, by Clyde H. Tuomela and Mark F. Brennan, Final
Report FR-MTRD-CA-80-13, October 1980.

WORK-ABLE: Modification of Employers' Attitude Toward the Employment
            of Work-Able Cancer Patients (National Cancer Institute,
            U.S. Department of Health, Education and Welfare)

A Study of the Employment of WORK-ABLE Cancer Patients: Volume I: Survey
of Employer Attitudes and Practices, by Thurlow R. Wilson, John A. Richards,
and Deborah H. Bercini, Final Report FR-ED-76-44, October 1976.

YOUTH SURVEY: Attitudes of Youth Toward Military Service
(Gilbert Marketing Group, Inc., New York City, N. Y.)

Preliminary Analysis of Initial Longitudinal Data From the Gilbert Youth
Survey: May 1971 and November 1971, by Allan H. Fisher, Jr., Consulting
Report CR-D7-72-17, May 1972.

Attitudes of Youth Toward Military Service: A Comparison of Results of
National Surveys Conducted in May 1971 and November 1971, by Allan H.
Fisher, Jr., Consulting Report CR-D7-72-16, April 1972. AD-A015 577.
ED-123 405.

Propensity for Joining the Reserve or National Guard: A Review of Recent
Sample Survey Findings, by Allan H. Fisher, Jr., Research Product
RP-D7-72-31, September 1972.

The Image of the Armed Services Among Civilian Youth: Selected Results of
Systematic Research, by Allan H. Fisher, Jr., Research Product RP-D7-72-37,
December 1972.

BASIC RESEARCH

BASIC RESEARCH 1:   An Analysis of Army Training
                    (Department of the Army)

The HumRRO Training Analysis Directory, Book I: Training Requirements.
Part 1: MOS 101-MOS357, by Francis E. Jones, Research Product, June
1958.   (CONFIDENTIAL).

The HumRRO Training Analysis Directory, Book II: Training Data. Part
1: MOS 101-MOS 357, by Francis E. Jones, Research Product, 133 pp.,
August 1958.   AD-A950 145.

The HumRRO Training Analysis Directory, Book I: Training Requirements.
Part 2: MOS 401-MOS 075, by Francis E. Jones, Research Product, January
1959.

The HumRRO Training Analysis Directory, Book II: Training Data. Part 2:
MOS 401-MOS 075, by Francis E. Jones, Research Product, 121 pp., April
1959.   AD-A950 146.

BASIC RESEARCH 3:   Command Decision Making in Crisis
                        (Department of the Army)

A Study of Human Decision-Making, by Norman F. Washburne, Final Report.

BASIC RESEARCH 4:   Problem Solving and Creative Thinking
                    (Department of the Army)

"A Study of the Separation of Idea Production and Evaluation in Individual
Problem Solving," by Robert Vineberg and Marguerite Bloxom, September 1962.

"The Effect of Evaluative Attitudes and Paced and Self-Paced Conditions on
Problem Solving," by Robert Vineberg and Marguerite Bloxom, September 1962.

PIONEER IV: Status and Planning Report, by Robert Vineberg, Interim Report,
November 1963.

BASIC RESEARCH 6: Integrating and Systematizing the Findings of
Military Psychotechnology
(Department of the Army)

"Experimental Studies of Sensory Deprivation and Social Isolation,"
by Thomas I. Myers, Donald B. Murphy, Seward Smith.

An Auditory Vigilance Technique, by Seward Smith, Thomas I. Myers and
Donald B. Murphy, Research Memorandum, May 1962.

The Effect of Recorded Judgements of an Alleged Group Upon Accuracy of
of Ss' Judgments, by Jack M. Hicks, Richard A. Monty, Donald B.
Murphy and Thomas I. Myers, Research Memorandum, May 1962.

"The Relationship of Intelligence and Authoritarianism to Behavioral
Contagion and Conformity," by Seward Smith, Donald B. Murphy and Ladd
S. Wheeler, in Psychological Reports, vol. 14, no. 1, February 1964.

"Personality and Endurance of Sensory Deprivation," by Thomas I. Myers,
Seward Smith and Donald B. Murphy, 1967.

"Vigilance During Sensory Deprivation," by Seward Smith, Thomas I. Myers,
and Donald B. Murphy, in Perceptual and Motor Skills, vol. 24, no. 3,
June 1967.

BASIC RESEARCH 7: Determining Precise Procedures for Effective Programming
of Textual Materials   (Department of the Army)

Expositional Complexity: A Taxonomy to Guide Initial Research, by Joseph
F. Follettie, Research Memorandum, May 1962.

"Comment on Mehler's 'Some Effects of Grammatical Transormations on the
Recall of English Sentences' ", by Joseph F. Follettie, Summer, 1964.

"Noun Phrase Modifer-Head Order Effects in Sentence Learning," by
Joseph F. Follettie, September 1974.

"Sentence Recall as a Function of Content Work Length," by Ann F. Weseman
and Joseph F. Follettie, November 1964.

"Paragraph Recall as a Function of Content Word Load, " by Joseph F. Follettie
and Ann F. Weseman, December 1964.

"Sentence Recall as a Function of the Number of Sentences to be Recalled,"
by Joseph F. Follettie and Ann F. Weseman, January 1965.

"Sentence Length Effects Upon Recall as A Function of Amount of Material,"
by Joseph F. Follettie, October 1966.

"Paragraphs Used in Experiment 1 of 'Sentence Length Effects Upon Recall as
a Function of Amount of Material' ", by Joseph F. Follettie, October 1966.

"Elements of an Education Technology: I. A Taxonomy of the Dimensions of
Formal Structure for Arithmetic Problems," by Joseph F. Follettie, December
1966.

"Elements of an Education Technology: I. A Taxonomy of the Dimensions of
Formal Structure for Arithemtic Problems. Appendix A: One-Step Operations,"
by Joseph F. Follettie, December 1966.

"Initial Research on Structural Characteristics of Arithmetic Problems
(Study 67-1)," by Joseph F. Follettie, February 1967.

"Elements of an Educational Technology: II. Outline of an S Model," by
Joseph F. Follettie, March 1967.

BASIC RESEARCH 8:   Common Job Elements
                    (Department of the Army)

"Taxonomy of Response Processes," by Elmo E. Miller, presentation to
American Psychological Association, September 1967.

"Effects of Stimulus-Response Uncertainty on Watchkeeping Performance and
Choice Reactions," by Richard A. Kulp and Earl A. Alluisi, in Perception
and Psychophysics, vol. 2, no. 11, November 1967.

"Paired Associate Transfer Following Early Stages of List I Learning,"
by Richard M. Schulman, January 1968.

BASIC RESEARCH 9:   Learning of Military Skills
                    (Department of the Army)

Effects of a Multiple DRL-DRH Schedule of Collective Reinforcement on
Shaping the Cumulative Response Rate of Three-Man Teams, by David D.
Burnstein, thesis submitted in partial fulfillment of requirements
for the degree of Master of Arts in Psychology, The University of New
Mexico, 1963.

The Effect of Various Levels of Auditory Feedback on Pursuit Rotor
Performance, by Richard W. Sheldon, Elmo E. Miller and John F. Bjorklund,
Staff Paper, May 1970.   AD-A082 719.

<u>BASIC RESEARCH 10</u>:   Nonverbal and Extraverbal Communication in Groups
                          (Department of the Army)

"Strain Reduction in Interpersonal Relationships," by Harry A. Burdick,
September 1962.

<u>A Checklist for Feelings of Hostility</u>, by Mitchell M. Berkun, Harry A.
Burdick and Thomas M. Woodring, Research Memorandum, April 1963.
AD-A950 115.

"Correlation of Test Performance With Awareness of Personality State,"
by Mitchell M. Berkun, April 1963.

<u>Scoring TAT Scores for Aggression Motive: A Scoring Manual and a Validity</u>
<u>Study</u>, by Harry A. Burdick and Hiroshi Ono, Research Memorandum, 23 pp.,
May 1963.

"Examiner Influence on Group Test Performance," by Harry A. Burdick and
Mitchell M. Berkun, August 1963.

"A Checklist for Feelings of Hostility," by Mitchell M. Berkun, Harry A.
Burdick and Thomas M. Woodring, January 1964.

"Effects of Simple, Noxious Stimulation in the Production of Aggressive
Fantasy," by Harry A. Burdick, Hiroshi Ono, April 1964.

<u>BASIC RESEARCH 11</u>:   Programed Instruction
                         (Department of the Army)

"Programed Instruction Under a Subject-Controlled Feedback Schedule,"
by William H. Melching, paper for National Society for Programed
Instruction, San Antonio, Texas, March 1964.

<u>Programed Instruction: An Assessment of Some Experimental Results</u>, by
William H. Melching, Research Memorandum, January 1965.

<u>BASIC RESEARCH 14</u>:   Prompting and Guidance in Training
                         (Department of the Army)

"Pictures in Training," by Elmo E. Miller, in <u>Training in Business and</u>
<u>Industry</u>, vol. 10, no. 10, October 1973.

"How to Make a Training Film That Really Works," by Elmo E. Miller, in
<u>Training in Business and Industry</u>, January 1974.

BASIC RESEARCH 16: Improving Ability to See Military Targets
                    (Department of the Army)

"Range Estimation Error as a Function of Stimulus Movement Rate," by
William H. Ton. AD-A034 594.

"An Investigation into the Source of Error in Stadimetric Range
Estimation," by William H. Ton. JSAS MS. 1466. AD-A034 596.

Review of Concepts and Literature on Contingency Management, by
Barrie Cassileth, Professional Paper 15-68, June 1968. AD-672 484.

Schematic Concept Formation: An Extension of Previous Models, by
Albert Dean Wright, thesis submitted to Graduate School of Texas
Christian University, 1969.

"Effects of Number of Alternative States and Number of Channels on
the Monitoring of Multi-Channel Displays," by John Alson Hicks III,
August 1970.

"A Test of the Shape-Slant Invariance Hypothesis," by Edward W.
Frederickson, April 1971.

"Perceptual Style and Detection of Motion in Depth," by William H.
Ton, in Perceptual and Motor Skills, vol 34, 1972; issued as Professional
Paper 9-72, April 1972. AD-743 275.

"Rate of Apparent Magnification as a Cue to Distance: Laboratory
Investigation," by William H. Ton, in Perceptual and Motor Skills,
vol. 35, 1972; issued as Professional Paper 19-72, August 1972.
AD-755 599.

"The Perception of Movement in Depth: A Critical Review of the Literature,"
by William A. Ton, August 1972.

The Capabilities of Ground Observers to Locate, Recognize and Estimate the
Distance of Low Flying Aircraft, by Robert D. Baldwin, Technical Report
73-8, March 1973. AD-758 875.

Research on Stadimetric Ranging: Visually Matching the Apparent Size of
Objects, by Robert D. Baldwin, Technical Report 73-27, November 1973.
AD-772 994.

BASIC RESEARCH 18: Behavior Management
                   (Department of the Army)

The Effects of Threat-Induced Stress on Group Performance, by Eugene H.
Drucker, Staff Paper, June 1970.   AD-A056 828.

BASIC RESEARCH 20: Design of a New Technique for Changing Racial
                   Attitudes Among Military Personnel
                   (Department of the Army)

Vicarious Attitude Change and the Design of "Message" Films: Application
to Race Relations, by Alfred J. Kraemer, Deborah Hansen Bercini and John
D. Harris, Technical Report 75-8, June 1975.   AD-A012 676.   ED-110 074.

BASIC RESEARCH 19: Definition of Learning Variables
                   (Department of the Army)

Sequence Memory Test, Sentence Completion Test (MMR), Auditory Number
Span Test (MSU), and Verbal Retention Test (MMV), by James W. Dees,
Research Product, August 1969.

"The Complex Intellect vs the IQ as a Predictor of Performance," by
James W. Dees, presentation to the Mid-South Educational Research
Association, New Orleans, LA., November 1972.

BASIC RESEARCH 21: Determining Ultimate Proficiency Levels Attainable by
                    Low Ability Military Personnel
                    (Department of the Army)

Conceptualization and Progress Report, by Kenneth Weingarten, Hilton Bialek
and Fred Jealous, Interim Report, November 1972.

Work Plan and Rationale, by Kenneth Weingarten, Frederick Jealous, Hilton
M. Bialek, Tracy D. Boatman, Paul F. Gordon, and Frank Pitpit,   Interim
Report IR-D3-73-1, July 1973.

Determining Ultimate Proficiency Levels Attainable by Low-Ability Military
Personnel, Final Report FR-WD-74-2, July 1974.   AD-A093 781.

EXPLORATORY RESEARCH

EXPLORATORY RESEARCH 4: Automated Methods for Learning Language
(Department of the Army)

"Automated, Programmed Foreign Language Training," by Catherine Garvey, presentation at Inter-Agency Round Table on Area Training, Washington, D.C., October 1962.

EXPLORATORY RESEARCH 12: Tactical Command Decision Making
(Department of the Army)

Command Decision-Making: A Selected Review, by Robert A. Baker, Research Memorandum, 59 pp., December 1963.

The Effects of Supervisory Threat on Decision-Making and Risk-Taking in a Simulated Combat Game, by Robert A. Baker, J. Roger Ware, George H. Spires, and William C. Osborn, Research Memorandum, August 1964.

EXPLORATORY RESEARCH 19: Night Devices Training
(Department of the Army)

Some Human Factors Considerations Connected With the Introduction of First Generation Passive Night Vision Devices, by David L. Easley, Consulting Report, January 1965.

The Use of TIARA as an Illuminant for Weapon Disassembly and Assembly: A Pilot Study, by David L. Easley, Staff Paper, April 1967. (CONFIDENTIAL). AD-C003 562.

EXPLORATORY RESEARCH 20: Driver Training
(Department of the Army)

An Evaluation of Driver Simulators for Safey Training, by A. James McKnight, Consulting Report, April 1965. AD-A012 315.

EXPLORATORY RESEARCH 25: Simulation and Miniaturization
(Department of the Army)

The Improvement of Army Training Through Simulation, by Robert A. Baker, Jr., and William L. Warnick, Staff   `ur, June 1970.

EXPLORATORY RESEARCH 29: Confidence Development During Training
(Department of the Army)

Assessment of Changes in Confidence-Related Attitudes During Training in Selected BCT Subjects, by Richard P. Kern, Research Memorandum, November 1964.

"Confidence Development During Training," by Richard P. Kern and Howard H. McFann, presentation to U.S. Army Infantry School, Fort Benning, Georgia, February 1965.

EXPLORATORY RESEARCH 38: Research in Training Requirements for Warrant Officer
Aviators (Department of the Army)

The Aviation Warrant Officer: Biographical and Attitudinal Characteristics, by Wiley R. Boyles, H. Alton Boyd, Jr., and Wallace W. Prophet, Staff Paper, 32 pp., March 1967. AD-B951 657.

The Aviation Warrant Officer: Job Activities and Flight Duties, by H. Alton Boyd, Jr., and Wiley R. Boyles, Staff Paper, September 1967. AD-A082 713.

EXPLORATORY RESEARCH 42:   Organization of Instruction
                           (Department of the Army)

Development of Prototypes for Computer-Administered Instruction,   Research
Product, December 1966.

EXPLORATORY RESEARCH 44:   Training Methods for Forward Area Air Defense
                           Weapons   (Department of the Army)

"Human Performance Research on Forward Area Air Defense Weapons," March
1965.

Visual Detection and Recognition of Low Altitude Aircraft, by A. Dean
Wright, Interim Report, 42 pp., July 1965.

Aircraft Detection and Range Estimation Tests in the JTF-2 Test 1.0
Environment, by E. Wayne Frederickson, Joseph F. Follettie and Robert
D. Baldwin, Interim Report, October 1965.

EXPLORATORY RESEARCH 45:   Requirements for Research Support of
                           NIKE-X Training   (Department of the Army)

Some Factors Related to Nuclear Safety, by Jesse C. Rupe and W. R. Atchley,
Report, 39 pp., November 1961.   (SECRET).   AD-C003 591.

EXPLORATORY RESEARCH 48:   Field Experiences of Military Advisors
                           (Department of the Army)

"Questionnaire Survey of Debriefing," by Edgar M. Haverland, November 1966.

EXPLORATORY RESEARCH 51:   Human Factors in Organizational Effectiveness
(Department of the Army)

"An Approach to Designing Simulations of Organizations for Research Purposes," by Douglas S. Holmes, July 1968.

EXPLORATORY RESEARCH 56:   U.S. Overseas Military Posts and Communities
(Department of the Army)

"Emigrant Americans in Immigrant Communities: Outcroppings of U.S. Society Overseas," by Harley M. Upchurch, June 1967.

EXPLORATORY RESEARCH 60:   Troop Indoctrination
(Department of the Army)

A Plan for the Study of Influence Processes in Military Organizations, by Douglas S. Holmes, Staff Paper, 170 pp., May 1969.   AD-A065 580.

EXPLORATORY RESEARCH 69:   ATC System
(Department of the Army)

Report of Progress on ES-69, ATC System, by Mark F. Brennan and Herbert G. Gerjuoy, Interim Report, March 1968.

An Exploratory Study of the Army Training Center System, by Mark F. Brennan, Nelson I. Fooks, Herbert Gerjuoy, and Joseph S. Ward, Consulting Report, January 1969.

EXPLORATORY RESEARCH 73: U.S. - Thai Security Guard
                          (Department of the Army)

Royal Thai Security Guard Regiment, by Jose Armilla, Research Product, April 1969.

The Thai-U.S. Interface in Base Security: A Field Study in Binational Cooperation, by Jose Armilla, Consulting Report, September 1969.

EXPLORATORY RESEARCH 74: Soldier Esprit
                          (Department of the Army)

Adjustment and Attitudes of Vietman Returnees, by Lyle Sussman, Consulting Report, August 1969.   AD-A093 457.

An Attitude Survey of 100 Vietnam Returnees, by Lyle Sussman and Eugene H. Drucker, Consulting Report, July 1970.   AD-A950 116.

EXPLORATORY RESEARCH 75: Methodology for Training Systems Engineering
                          (Department of the Army)

"Development of a General Learner Model to Aid Selection of Methods for Facilitating Learner Performance," by Ronald W. Spangenberg, February 1971.

EXPLORATORY RESEARCH 79: Reducing Errors in Logistics ADP
                          (Department of the Army

Reduction of Problems in Implementing and Utilizing Automatic Data Processing Systems in Logistics, by Francis L. Hibbits and C. Dennis Fink, Technical Report 72-27, October 1972.   AD-905 207.

EXPLORATORY RESEARCH 83: GED Program for the Army
                          (Department of the Army)

Relationship of Education Level to Capabilities and Attitudes of Young
Enlisted Men, by William H. Melching, David Orme-Johnson, Paul G. Whitmore,
and William J. Given, Technical Report 72-29, 40 pp., October 1972.
AD-753 597.

EXPLORATORY RESEARCH 84: Retention of Army Flying Skills
                          (Department of the Army)

Retention of Flying Skills and Refresher Training Requirements: Effects of
Nonflying and Proficiency Flying, by Robert H. Wright, Technical Report
73-32, December 1973.   AD-774 853.   ED-089 077.

EXPLORATORY RESEARCH 87: Decision-Making in the Combined Arms Tactical
                          Training Simulator (CATTS) Concept
                          (Department of the Army)

Progress Report on the Survey of Decision-Making Literature, by James
Tripp and Wayne Carpenter, Interim Report, January 1972.

A Tentative Bibliography for Decision-Making, by Wayne Carpenter and James Tripp,
Research Product, January 1972.

"Problems in Decision Theory," by Wayne Carpenter, February 1972.

Decision-Making Theory and Practice in Command and Control Simulators,
by Wayne Carpenter and James Tripp. Report, 115 pp., July 1972.   AD-A093 659.

EXPLORATORY RESEARCH 88: Countermine and Boobytrap Training
(Department of the Army)

A Study of Factors Affecting Mine and Boobytrap Detection: Subject
Variables and Operational Considerations, by Jeffery L. Maxey and
George J. Magner, Technical Report 73-12, June 1973.   AD-769 635.
ED-081 904.

EXPLORATORY RESEARCH 91: Improving the Effectiveness of Army Instructors
(Department of the Army)

A Model of the Functions of a Master Instructor, by William H. Melching
and Paul G. Whitmore, Technical Report 73-23, October 1973.
AD-772 991.   ED-122 050.

279

GENERAL

GENERAL

<u>1952</u>

<u>Guide for Research in the Basic Training Company</u>, by George Greer,
Memorandum, 1952.

<u>Observations Regarding the Final Proficiency Tests</u>, by George D. Greer,
and Lee M. Stockell, Research Note No. 4, 1952.

"Presentation on Exercise LONGHORN," presented to Joint Panel on Training
and Training Devices, Human Resources Committee, R7D Board, Department of
Defense, Pensacola Naval Air Station, Florida, April 1952.

<u>Report on Preliminary Study of Hand Grips Used When Firing the Pistol</u>, by
William R. Smith and Frank J. Dudek, Research Note No. 1, June 1952.

<u>The Correction of a Test Score by a Control or Basal Value</u>, by Eugene A.
Cogan, Staff Memorandum, July 1952.

<u>Some Research Problems in a TO&E Division</u>, by Launor F. Carter, Memorandum,
August 1952.

<u>A Study of Leadership Status</u>, by Rodney Clark and William Smith, Research
Note, October 1952.

GENERAL

1953

"The Problem of Military Delinquency," by Hobart G. Osburn, presentation
to American Psychological Association, 1953.

The Correction of a Test Score by a Control or Basal Value, by Eugene A.
Cogan, Report, 1953.

"Studies in Radiotelegraphy," by Charles Windle, Murray Sidman and Fred
S. Keller, 1953.

Communication and Control Systems of Military Organizations, by Lawrence
E. Schlesinger and Herman Turk, Staff Memorandum, January 1953.
(CONFIDENTIAL).

Job Analysis Schedule of Tank Range Finding, by Norman Willard, Jr.,
Staff Memorandum, February 1953.   (CONFIDENTIAL).

Qualification and Aptitude Testing at Army Induction, by Henry Schroeder,
Report, March 1953.

Psychological Warfare Research: A Long-Range Program. Part One:
Essential Background Information, Special Report 2, March 1953.
(CONFIDENTIAL).   AD-2 314.

Psychological Warfare Research: A Long-Range Program. Part Two:
Provisional Research Plan, Staff Memorandum, March 1953. (CONFIDENTIAL).
AD-C003 546.

"Comments on 'Learning for Performance in Groups'," by Launor Carter, in
Proceedings of Symposium on Psychology of Learning Basic to Military Training
Problems, sponsored by Panel on Training and Training Devices, Committee on
Human Resources, Research and Development Board, May 1953.

"Resume of Symposium on Learning Basic to Military Training Problems, "
by Kenneth W. Spence, in Proceedings of Symposium on Psychology of Learning
Basic to Military Training Problems, sponsored by Panel on Training and
Training Devices, Committee on Human Resources, Research and Development
Board, May 1953.

Comment on ORO Proposal, Staff Memorandum, May 1953

An Account of Research on the Main Line of Risistance and Aboard a Troopship,
by Morris Showel, Robert Egbert, and Rodney Clark, Research Note 6, May 1953.

Some Information Processes in the Combat Rifle Company: Exploratory Interviews
with U.S. Returnees from Korea, Staff Memorandum, July 1953.

GENERAL

Preparing Reports, by Jean L. Eck and Beth Stone, Staff Memorandum, August 1953.

Communist Use of Prisoners, by Grace S. Malakoff, Report, August 1953. (CONFIDENTIAL).

IBM Methods for Computing Indices of 'Success-Ratio' and 'Score Reproducibility', by Benjamin W. White, Staff Memorandum, September 1953.

Report on Conference on Rifle Marksmanship Training Research, Report, September 1953.

Experimental Development of Improved Methodology for Training the Infantry Soldier in Night Fighting, Information Report, October 1953.

A Survey of the Physical Training Program of the Basic Airborne Course, Information Report, October 1953.

"The Discharge of Maladjusted Individuals from the Armed Services," by Robert H. Beezer, in American Psychologist, vol. 8, no. 12, December 1953.

1954

"Preliminary Study of Table I: Subcaliber Manipulation Exercise." by Boyd L. Mathers and Phillip C. Green, 1954.

"The Distribution of Instrumental Diopter Settings in the Army Population and Their Relation to Pertinent Visual Variables," by Howard Olson, presentation to Armed Forces-National Research Council Vision Committee, Washington, D.C., April 1954.

"A Study of Personal and Vocational Integration of Clinical Psychologists by the Q-Sort Method," by Julius Segal, presentation to the American Psychological Association meeting, September 1954.

Human Resources Research Office: Psychological Warfare Division Bibliography, October 1954.

Report on HumRRO Research: Report for the AD HOC Committee on Human Resources Research in the Army, Report, November 1954.

"Predicting Film Learning by Pre-release Testing," by John V. Zuckerman, in AV Communication Review, vol. 2, no. 1, Winter 1954; also presentation to Eastern Psychological Association under the title, "Tests of a Method for Predicting Factual Learning from a Training Film," Spring 1954.

"Test-Retest on Personality Questionnaires," by Charles Windle, in Educational and Psychologial Measurement, vol. 14, no. 4, Winter 1954.

"The Effect of Group Composition on the Performance of Airborne Trainees," by Charles Windle and Jerome Nathan, December 1954.

GENERAL

1955

Field Tests to Evaluate Organizational and Doctrinal Conclusions from Exercise "Follow Me", by Charles Windle, Memorandum, 1955.

"Some Suggestions on Conceptualizing Leadership Research in the Army," by A.D. Woodruff, 1955.

"The Relationships Among Five MMPI 'Anxiety' Indices," by Charles Windle, in Journal of Consulting Psychology, vol. 19, no. 1, February 1955.

Annotated Bibliography on Southeast Asia, March 1955.

Psychological and Unconventional Warfare, Research Product. March 1955. (CONFIDENTIAL). AD-C003 549.

"A Method for Group Presentation of Paired Associates Learning Material," by Eli Saltz and Thomas I. Myers, paper for Midwestern Psychological Association Meeting, April 1955.

"Task Orientation to Studies in Group Productivity," by Francis H. Palmer, presentation to Social Science Research Conference on Small Group Research, April 1955.

"Variations in Sending Morse Code," by Charles Windle, in Journal of Experimental Psychology, vol. 50, no. 1, July 1955.

"The Problem of Simple Combination Scores in Measurement," by Eugene A. Cogan, presentation at American Psychological Association meeting, September 1955.

"Some Theorems on the Use of Pattern Scoring for Predicting Qualitative Criteria," by Hobart G. Osburn and Ardie Lubin, presentation at American Psychological Association meeting, September 1955.

"Further Studies of Test-Retest Effect on Personality Questionnaires," by Charles Windle, in Educational and Psychological Measurements, vol. 15, no. 3, Autumn 1955.

GENERAL

1956

"A Statistical Test for Differences Between Subtest Weights in Cross Validation Studies," by Robert D. Baldwin, in Psychometrika, 1956.

"Planning Sequence Used in the Logical Development of a Research Project in the Field of Training," January 1956.

"Army Research on Individual and Unit Effectiveness," by Francis H. Palmer, March 1956.

"A Statistical Test for Differences Between Subtest Weights in Cross Validation Studies," by Robert D. Baldwin, March 1956.

"Small Group Research in the Military," by Francis H. Palmer, presentation to West Coast Conference on Small Group Research, April 1956.

Social and Political Organization of the Czechoslovak Ground Forces: A Background Report for Psychological Warfare, by Ivan Kubanis, Report, June 1956. (SECRET). AD-C003 592.

"Experimenting with Accelerated Training Programs for Men of Various Aptitude Levels," by Victor B. Cline, Alan R. Beals and Dennis Seidman, July 1956.

"The Basic Armor Proficiency Test," by Eugene F. MacCaslin, July 1956.

"The Armor Proficiency Test for TOE Units," by Eugene F. MacCaslin, August 1956.

"The Use of Configural Analysis for the Evaluation of Test Scoring Methods," by H. G. Osburn and Ardie Lubin, August 1956.

"Intelligence and the Ability to Learn: A Reexamination," by George D. Greer, Jr., presentation to American Psychological Association meeting, Chicago, Illinois, September 1956.

A Survey of First Echelon Maintenance Procedures and Their Effects, by Donald J. Baerman, Staff Memorandum, September 1956.

GENERAL

1957

"Extended Simplified Significance Tables for the Mann-Whitney Rank-Sum Test," by Mitchell M. Berkun (HumRRO), and Sara Lee Holtz (Yale University), January 1957.

System Analysis: A Bibliography, January 1957.

"A Graph for Determining P from t for Various Degrees of Freedom," by Mitchell M. Berkun and H. en Tambellini, January 1957.

Master List of Reports by Psychological Warfare Division Through 31 December 1956, March 1957.

"Leadership Concepts." by Francis H. Palmer, paper for West Coast Conference on Small Group Research, April 1957.

"Leadership Training," by Francis H. Palmer, presentation at Symposium on Preventive and Social Psychiatry, Walter Reed Army Institute of Research, April 1957.

"Field Research in Behavioral Science," by Norman Willard, Jr., presentation to University of Louisville Chapter of Society of Sigman Xi, May 1957.

A Questionnaire Survey Regarding the Effects on Pilots of Certain Aspects of the Sikorski H-37 Helicopter Cockpit, by George D. Greer, Jr., Staff Memorandum, July 1957.

"A Method of Measuring 'Expectancy' (Subjective Probability) For Use in Investigations of Learning (Comprehensive Summary and Graphs)," by Kent Viehoever, September, 1957.

Proceedings of the First HumRRO Maintenance Conference: 1-16 July 1957, by Edgar L. Shriver (Ed.), Report, October 1957. AD-A020 654.

A Program of Research in the Area of Flight Safety, by Wallace W. Prophet, Staff Paper, November 1957.

GENERAL

<div align="center">1958</div>

"Self-Paced Work and Rest with Variations in Work Load and Prior Task Information," by J. D. Hitt, Jr., presentation at American Psychological Association, 1958.

"A Comparison of Alternative Significance Tests," by Mitchell Berkun, Helen L. Tambellini, and Liese Rapozo, presentation at Western Psychological Association, 1958.

Proceedings of United States Army Military Educational Advisors' Conference, Report, 162 pp., January 1958. AD-A060 209.

A Survey of Human Factors Problems in Army Intelligence Training and Operations, Staff Memorandum, February 1958.   (SECRET).

Maintenance Personnel and Training Research, by Helen J. Stiles and Robert G. Demaree, Staff Memorandum, March 1958.   AD-640 426.

"Prediction of Flight Training Attrition by Grade Steps for the First Ten Flights," by D. K. Trites, W. F. Brown, and B. B. Cobb, paper for Seromedical Association, April 1958.

"An Analysis of Aggressive Behavior," by Milton A. Grodsky, paper for Southern Society of Philosophy and Psychology, April 1958.

Report of Conference on Operational Context Training in Individual Technical Skills, by Arthur J. Hoehn, Report, 63 pp., June 1958.

"Small Group Leadership," by C. E. Hall, Salvatore N. Cianci, John E. Taylor and John B. McKay, presentation at American Psychological Association meeting, Washington, D.C., August 1958.

Reference Index of the Army, U.S. Continental Army Command, U.S. Army Air Defense School Regulations and/or Other Directives Pertaining to Air Defense Training, Report, October 1958.

"Psychological and Physiological Responses in Observers of an Atomic Test Shot," by Mitchell M. Berkun, Paola S. Timiras and Nello Pace, in Psychological Reports, vol. 4, no. 4, December 1958.

GENERAL

"Assessing Educational Qualifications of Koreans for Military Training Using Western Methods," by Francis J. Blaisdell, 1959.

"Fear and Courage: A Psychological Study," by Richard D. Walk, Monograph, January 1959.   AD-A034 125.

"Aptitude and Course Achievement in a Short Missile Technician," by Harry E. Anderson, Jr., and Frank Guenter, February 1959.

"The Infantry Human Research Unit," by J. Daniel Lyons, paper for Georgia Psychological Association meeting, Atlanta, Georgia, February 1959.

Initial Development of a Test Battery for Selection of the SS-10 Anti-Tank Guided Missile Gunner, by Doris E. Follettie, Preston S. Abbott, D. Y. Felton, and M. M. Garee, Research Memorandum, 32 pp., March 1959.

"The Effects of Instructions and Prior Verbalizations Upon Reported Visual Sensations Under Minimal Sensory Deprivation Conditions," by Donald B. Murphy, Edward J. Kandel and Thomas I. Myers, March 1959.

"An Examination of the Multi-Level Training Concept," by George H. Brown, presentation to Signal School Board of Visitors, Fort Monmouth, New Jersey, July 1959.

"Scientific Method and Military Decision Making," by J. L. Finan, Monograph, August 1959.

"Some Characteristics Distinguishing Peer-Preferred From Non-Preferred and From Rejected Tentmates During a Cold-Weather Military Exercise," by Mitchell M. Berkun, paper for American Psychological Association meeting, Cincinnati, Ohio, September 1959.

Human Factors Recommendations for the CARIBOU Aircraft, by Maurice Siskel, Jr., and Wayne D. Smith, Consulting Report, December 1959.

On the Feasibility of Conducting Research to Determine the Impact of the Automation of Operator Functions on Training Requirements, by Paul G. Whitmore, Research Memorandum, 20 pp., December 1959.

The Development and Conduct of Electronic Maintenance Training, by Robert Vineberg, Research Memorandum, December 1959.   AD-A019 938.

On the Feasibility of Conducting Research on Human Factors Components of Cost-Effectiveness Rations, by Harold Thorgersen, Research Memorandum, December 1959.

1960

"Psychological Concepts and Types of Relationships," by Howard H. McFann, paper for Sigma Xi meeting, U. S. Naval Postgraduate School, Monterey, California, 1960.

"Life of Scientific Publications," by S. James Goffard and Charles Windle, in Science, vol. 132, 1960.

Driver Evaluation of the GOER Vehicle, Conducted During the Feasibility Test, by Arthur Floyd, Jr., Shepard Schwartz and Howard C. Olson, Research Memorandum, February 1960.   AD-A085 736.

"A Proposal Directed Toward Establishment of a HumRRO-Initiated Facility to Insure More Effective Implementation of HumRRO Research Findings," by W. Loren Williams, Jr., March 1960.

"Army Utilization of Results of HumRRO Research," by LTC Franklyn J. Michaelson, briefing for Army Human Factors Advisory Committee, Washington, D.C., March 1960.

Human Factors Engineering Seminar, Research Product, March 1960.   AD-A035 359.

"The Social Desirability Variable in Behavior Description," by Thomas Owen Jacobs, and Carl J. Lange, paper for Southeastern Psychological Association, April 1960.

"U.S. Army Language School Graduation," by Howard H. McFann, invited address to U.S. Army Language School, Monterey, California, June 1960.

Research in Army Aviation Training, by J. Daniel Lyons and LTC Arne H. Eliasson, Research Product, July 1960.

"Procedure for Development and Evaluation of Research Proposals," by J. Daniel Lyons and Francis H. Thomas, August 1960.

"Training Research for the U.S. Army," by Meredith P. Crawford, paper for Human Factors Research Conference, Bonn, Germany, August 1960.

The Evaluation of Reserve Components, by William A. McClelland, Consulting Report, September 1960.

Final Report on a Program of Human Factors Engineering Seminars Conducted for the U.S. Army, by Robert T. Eckenrode, Jerome H. Ely, Jesse Orlansky, Martin A. Tolcott, and Joseph G. Wohl, Subcontractor's Report, October 1960. (Subcontractor: Dunlap and Associates, Inc., Stamford, Connecticut).

"Description of HumRRO: Organization and Research," by Meredith P. Crawford, presentation to Sigman Xi Chapter of The George Washington University, Washington, D.C., December 1960.

GENERAL

1961

"Implementation--An Analogy with the Introduction of a Weapon System,"
by Robert G. Smith, Jr., 1961.

"Flight Trainers and Flight Simulators," by Maurice Siskel, January 1961.

"The Role of Man in Automated Systems," by Arthur Hoehn, presentation to
North Atlantic Treaty Organization (NATO), Long Range Science and
Technology Study Committee, Washington, D.C., March 1961.

"Technical Forecast: Human Factors Research Relating to HumRRO Mission,"
by Theodore R. Vallance, March 1961.

"Some Administrative Considerations Involved in Technical Advisory Services,"
by William A. McClelland, presentation to Directors' Conference, Zion,
Illinois, May 1961.

"An Orientation for Human Factors Research in International Security
Affairs," by Charles D. Windle, May 1961.

Partially Annotated, Selected Bibliography of Bibliographies and Literature
Summaries on Teaching Machines and Programmed Learning, by William J.
Trittipoe, Staff Memorandum, May 1961.

"Deriving and Specifying Instructional Objectives," by Paul G. Whitmore,
paper for American Psychological Association meeting, New York, New York,
September 1961.

"Approximations to English: Some Comments on the Method," by Edmund B.
Coleman, September 1961.

Human Factors Engineering Seminars Conducted for the U. S. Army, Subcontractor's
Report, October 1961. (Subcontractor: Dunlap and Associates, Inc.).

An Analysis of Rotary Wing Training and Flight Check Grades, by George D.
Greer, Jr., and Carroll N. Colgan, Report, November 1961.

An Analysis of the Redeye System with Some Suggestions for Training, by W.
Loren Williams, Jr., R. R. Ridenour, D. Cooper, and T. S. Luce, Research
Memorandum, December 1961. AD-379 523.

GENERAL

1962

"The Role of Proficiency Tests in Modern Training Programs," by Robert G. Smith, Jr., paper for U.S. Continental Army Command (CONARC) Conference on End-of-Course Proficiency Tests, Fort Bliss, Texas, 1962.

"Verbal Paired Associates Learning as a Function of Grouping Similar Stimuli or Responses," by Iris Rotberg and Michael Woolman, 1962.

"Presentation to DCS/PERS Ad Hoc Committee on Enlisted MOS Structure," by Norman Willard, presentation to Office, Deputy Chief of Staff for Personnel, Department of the Army, Washington, D.C., January 1962.

"Improving Comprehensibility of Shortening Sentences," by Edmund B. Coleman, in Journal of Applied Psychology, vol. 46, no. 2, February 1962.

"Collective Reinforcement of Groups," by Peter C. Wolff, L. Dennis Cannon and Benjamin D. Bernstein, February 1962.

"The Army's New Human Factors Problem: Cultural Engineering," by Charles Windle and Theodore Vallance, February 1962.

"Quality Control for Modern Training Programs," by Robert G. Smith, Jr., February 1962.

"The Meeting Engagement," by Henry E. Kelly, March 1962.

"Machine Gun Range Cards," by Henry E. Kelly, March 1962.

"An Analysis of Comments, Recommendations, and Requirements from User Agencies on the 'Miniaturization of the Battlefield'," by Willam A. McClelland, April 1962.

"Human Factors Research," by Howard H. McFann, presentation to Scabbard and Blade Society, University of Santa Clara, Santa Clara, California, April 1962.

"Consolidation of Organizational Maintenance MOS 631 and 632," April 1962.

"Target Acquisition from the Armed Helicopter," by Francis H. Thomas, paper for Visual Search Symposium of the Armed Forces, NCR Committee on Vision, San Diego, California, April 1962.

"Movement, Cover, and Concealment," by Henry E. Kelly, April 1962.

"Growth and Allocation of Resources Within the APA," by John G. Darley and Meredith P. Crawford, in American Psychologist, vol. 17, no. 7, July 1962.

GENERAL

"The Technology of Training," by Norman Willard, presentation to HumRRO Directors' Conference, Big Meadows, Virginia, September 1962.

Training Program: The MIL Relationship, by Dennis Cannon, Research Product, September 1962.

"End-Spurt in Vigilance," by Bruce O. Bergum and Donald J. Lehr, October 1962.

"Optimizing Military Assistance Training," by Charles Windle and Theodore R. Vallance, in World Politics, vol. 15, no. 1, October 1962.

"A Comparison of Two Plans for Preparing Guidance Documents for the Army on the Technology of Training," by Robert G. Smith, Jr., December 1962.

"TMD Work Related to Problems of Job Structure and the Design of Training Programs in Electronics Maintenance," by Arthur J. Hoehn, A. James McKnight, Edgar L. Shriver, and Eugene MacCaslin, briefing for U.S. Army Ordnance Guided Missile School, Huntsville, Alabama, December 1962.

"Cultural Engineering," by Theodore Vallance and Charles Windle, in Military Review, vol. 42, no. 12, December 1962.

GENERAL

1963

"An Evaluation of a New Reticle Design in Gun Laying Against Flashes," by Myles A. Jackson, and David Easley, paper for American Psychological Association meeting, 1963.

"R_nTT Revisited," by Robert J. Seidel, paper for Psychonomics Society Meeting, 1963.

"Monetary Incentives and Vigilance," by Bruce O. Bergum and Donald J. Lehr, January 1963.

Relationship Between ALAT and Training Accomplishment in ALS Student Record Data, FY 1960-62, Consulting Report, February 1963.

"The Role of HumRRO in Relation to the Army Training Centers," by Meredith P. Crawford, presentation to U.S. Army Training Center Commanders' Conference, Fort Jackson, South Carolina, March 1963.

Review and Comments of Proposed Programs of Instruction to Support the Revised MOS 631, Report, March 1963.

Studies of Fixed Procedures Training: A Preliminary Test of a Self-Instructional Method, by Paul G. Whitmore, Research Memorandum, March 1963.

"A Review of the Factors Bearing on the Choice of a Foreign Language Aptitude Test for Standardized Use in the Defense Language Program, " by John W. McCrary, Herbert B. Leedy, and Eugene H. Rocklyn, April 1963.

General Comments on Preparation, Limitations, and Administration of the 'Basic Combat Training Questionnaire'," by Paul G. Whitmore, Report, April 1963.

"HumRRO Research and Its Relation to the U.S. Army Activities in Latin America," by Meredith P. Crawford, presentation to Staff Officers of Headquarters, U.S. Army CARIB, The Pentagon, Washington, D.C., May 1963.

Basic Combat Training Survey, Consulting Report, May 1963.

"A Consideration of Problems in Language Training and Evaluation," by Herbert B. Leedy and John W. McCrary, May 1963.

A Study of Grading Practices in the Department of Rotary Wing Training, by Paul W. Caro, Jr., Consulting Report, June 1963.

"Orientation on HumRRO Training Research and Development," by Carl J. Lange, presentation to Infantry School Instructors' Conference, Fort Benning, Georgia, July 1963.

1963, continued...

Status Report on Research on Problems of Crew Fatigue, by Dennis Cannon, Consulting Report, 23 pp., August 1963.

"Examiner Influence on Group Test Performance," by Harry A. Burdick and Mitchell M. Berkun, August 1963.

"Conditioning of Connotative Meaning as a Function of Sensory Deprivation and Social Isolation," by Donald B. Murphy, Seward Smith and Thomas I. Meyers, presentation at the American Psychological Association meeting, Philadelphia, Pennsylvania, September 1963.

"Analysis of Electronic Maintenance Tasks," by A. James McKnight and Patrick J. Butler, presentation to the American Psychological Association meeting, Philadelphia, Pennsylvania, September 1963.

"Establishment of Defense or Assembly Areas," by Henry E. Kelly, September 1963.

"Behavioral Contagion," by Ladd Wheeler, Seward Smith and Donald B. Murphy, October 1963.

Evaluation of the Equipment Serviceability Criteria for 2-1/2 Ton Truck, M135; and for Full Tracked Tank, M48A1, by Jan Pickett and Dennis Cannon, Consulting Report, October 1963.

"The Influence of Task and Environmental Variables on the Maintenance of Vigilant Performance," by Bruce Bergum, paper for the Army Human Factors Research and Development Conference, October 1963.

Development of a Selection Procedure for Students Entering the Mohawk (AV-1) Gunnery Training Course, by Peter B. Dawkins, Report, October 1963.

Analysis of U. S. Army Command and General Staff College Leadership Analysis Questionnaire, by T. Owen Jacobs, Consulting Report, 51 pp., October 1963.

"An Integrated Man-Machine Research and Development Process (IMMRAND)," by Jesse C. Rupe, paper for U. S. Army Human Factors Research and Development Committee, Fort Rucker, Alabama, November 1963.

Military Potential Test of Commercial Off-the-Shelf Helicopters as Primary Helicopter Trainers, by Robert H. Wright, Report, November 1963.

Military Potential Test of Commercial Off-the-Shelf Helicopters as Basic Rotary-Wing Instrument Trainers, by Robert H. Wright, November 1963.

Letter Report: Human Factors Evaluation of the PFNS Aircraft Display Unit, by Robert H. Wright, Report, November 1963.

GENERAL

1964

"HumRRO Research on Military Leadership," by Saul Lavisky, presentation to
U. S. Army Engineer Research and Development Laboratory, Fort Belvoir,
Virginia, 1964.

Lectures in Miniature: Programed Instruction, by Robert G. Smith, Jr.,
Research Product, 1964.

"Some Treatment and Population Variables in Programed Instruction, " by Alfred
I. Fiks, in Journal of Educational Psychology, vol. 55, no. 3., 1964.

A Study of Fire Distribution System Symbology, Report, January 1964.

Letter Report: Psychometric Evaluation of Maintenance Mechanics for
Light Observation Aircraft (LOH), by Robert H. Wright, Report, January
1964.

"Briefing on HumRRO," by W. L. Williams, Jr., presentation at Symposium on
Current Trends in AMEDS Psychology, Walter Reed Army Institute for Research,
Washington, D.C., February 1964

"The Future of Military Psychology," by Charles Windle and Theodore R.
Vallance, in American Psychologist, vol. 19, no. 2, February 1964.

Effect of Human Factors on Command and Control Under Limited Visibility
Conditions, by Theodore R. Powers, Consulting Report, March 1964.

Effect of Human Factors on Prolonged Operations Under Limited Visibility
Conditions, by Theodore R. Powers, Consulting Report, March 1964.

Effect of Human Factors on Job Performance Under Limited Visibility
Conditions, by Theodore R. Powers, Consulting Report, March 1964.

"Simulation and Training Device Requirements Research," by William A.
McClelland, March 1964.

Symbol Confusion in Fire Direction Systems, by Bruce O. Bergum, Walter E.
Burrell, Consulting Report, March 1964.

Letter Report: Human Factors Examination of KAMAN UH-2A (Sea Sprite)
Aircraft, by Robert H. Wright, Report, March 1964.

Letter Report: Human Factors Review of Requirements for Computer, Air
Navigation, Dead Reckoning, by Robert H. Wright, Report, March 1964.

GENERAL

An Integrated Summary of HumRRO Research on Electronics Maintenance Training, by W. Loren Williams and William A. McClelland, Report, April 1964.

Comments on USMA Course in Military Leadership, by T. Owen Jacobs, Consulting Report, 30 pp., April 1964.

"Management Resources and Processes," by Richard C. Montgomery, paper for Workshop for Middle Managers, Civilian Personnel Section, U. S. Army Air Defense Center, Fort Bliss, Texas, April 1964.

Suggestions Concerning an Information Monitoring System for Defense Language Institute, West Coast, by Herbert B. Leedy, Consulting Report, April 1964.

Letter Report: Human Factors Evaluation of Off-the-Shelf Airborne Doppler Navigator System, by Robert H. Wright, Report, April 1964.

"Briefing for General Ohmori, Chief of Staff, Japan Ground Self-Defense Force," by Meredith P. Crawford, briefing, May 1964.

Letter Report: Human Factors Evaluation of the FD-105C Micro-Miniaturized Integrated Flight System, by Robert H. Wright, Report, May 1964.

Letter Report: Human Factors Evaluation of Beechcraft Turbine Engine NU-8F Command/Liaison Aircraft, by Robert H. Wright, Report, May 1964.

"Preliminary Report of Results of a Study of Tank Gunner Tracking Proficiency, " by Donald F. Haggard, May 1964.

"Stylized Small Unit Tactics," by Henry E. Kelly, presentation to U. S. Army Infantry School, Fort Benning, Georgia, June 1964.

Staff Operations and Functions--Implications for Research Implementation, by John F. Hayes, Staff Paper, 20 pp., June 1964.

Letter Report: Human Factors Review of Draft for a Small Development Requirement for a Miniaturized Navigation Display for Army Aircraft, by Robert H. Wright, Report, June 1964.

HumRRO Bibliography of Publications as of 30 June 1964, July 1964.

Human Factors Evaluation of the OH-5A, by Robert H. Wright, Research Product, July 1964.

GENERAL

1964, continued...

Letter Report: Human Factors Evaluation of Radar Altimeters, by Robert
H. Wright, Report, July 1964.

Military Potential Test of the Light Observation Helicopter (LOH) OH-4A,
OH-5A, OH-6A, by Robert H. Wright, Report, July 1964.

"Procedures and Displays for Processing Student Loan Information, " by
Herbert B. Leedy and C. Dennis Fink, July 1964.

"HumRRO Research on Vigilance, " by William A. McClelland, presentation to
the Army Human Factors Research and Development Conference, Washington,
D.C., August 1964.

"The Detectability of Single Versus Multiple Type Signal Schedules in a
Vigilance Task," by William C. Osborn and Robert A. Baker, Jr., paper for
American Psychological Association meeting, Los Angeles, California,
September 1964.

"Four Motive Measures," by Harry A. Burdick and Joan S. Nettler, paper for
American Psychological Association, Los Angeles, California, September 1964.

"Training Oriented Human Factors Engineering of Army Aircraft," by Robert
H. Wright, paper for Army Human Factors Research and Development Conference,
Fort Rucker, Alabama, October 1964.

"Research for the Army Training Centers," by Howard H. McFann, paper for
U. S. Army Training Center Commanders' Conference, October 1964.

"Some Recent Developments in Teaching Skill and Knowledge," by William A.
McClelland, paper for Tri-Chapter Meeting Phi Delta Kappa, Washington, D.C.,
November 1964.

"The Effect of Student Record and Playback on the Acquisition of Speaking
Skills in a Self-Instructional Foreign Language Course," by Eugene H.
Rocklyn, paper for the Ninth InterAmerican Congress of Psychology, Miami,
Florida, December 1964.

Description and Informal Analysis of Dr. Otis Douglas' Training Programs,
by Clay E. George, Consulting Report, December 1964.

HumRRO Interim Bibliography of Publications, 1 July to 31 December 1964.

300

GENERAL

Bibliography of Publications as of 30 June 1965.   AD-473 366.

Interim Bibliography of Publications, 1 July to 31 December 1965.   AD-632 494.

"Toward the Development of Civic Action Doctrine," by Alfred J. Kraemer,
paper for Eleventh Army Human Factors Research and Development Conference,
Fort Bragg, North Carolina, 1965.

Implications to HumRRO of Library Automation, by Herbert B. Leedy, Staff
Paper, 1965.

"A Method for Introducing Psychological Factors into War Gaming: The Adjustment
of Battle Casualty Rates for Psychiatric Attrition as a Function of Duration
and Intensity of Combat," by Robert Vineberg, 1965.

An Evaluation of the 250-Foot Free Towers in Airborne Training, by Joseph A.
Olmstead, Consulting Report, 49 pp., Janaury 1965.

Feasibility Study of Substituting Training Devices for Tactical Equipment in
Advanced Individual Training for MOS 179, by John A. Cox, Consulting Report,
January 1965.

Interim Investigation of Characteristcs, Performance, and Behavior of
Category IV Personnel in Basic Training, by Hilton M. Bialek and Morris
Showel, Research Memorandum, January 1965.

"A Preliminary Survey of the ADHRU Program of Forward Area Studies," by
Joseph F. Follettie, January 1965.

Some Human Factors Considerations Connected with the Introduction of First
Generation Passive Night Visions Devices, by David L. Easley, Consulting Report,
January 1965.   AD-C003 523.   (SECRET).

"Problems in Developing a Training Program," by Norman Willard, presentation
to CONTRALANT Training Conference, Norfolk, Virginia, February 1965.

The Army Drill Sergeant Program: Some Effects as Reported by Basic Combat
Trainees, by Paul D. Hood, Consulting Report, February 1965.

Studies on the Problems Concerning Motivation of Officers and Enlisted Men,
by Sam King (ARO), Robert Vineberg (HumRRO), and William Helme (APRO).
Report, March 1965.

GENERAL

1965, continued...

"Management Considerations in Programed Instruction," by Robert G. Smith, Jr., presentation to North Atlantic Treaty Organization (NATO), Conference on Military Applications of Programmed Instruction, Naples, Italy, April 1965; included in Professional Paper 7-67, February 1967.   AD-647 840.

"Planning in a Human Factors R&D Organization: A Pre-Model," by Eugene A. Cogan and William A. McClelland, paper for Operations Research Symposium, Norfolk, Virginia, May 1965.

Experimenter-Controlled Decisions in the Design and Analysis of Psychological Research, by Donald Reynolds, Staff Paper, June 1965.   AD-A090 784.

A Brief Review of Extreme Massing of Practice and Stress on Foreign Language Acquisition, by Eugene H. Rocklyn and William E. Montague, Consulting Report, June 1965.

Report of Confidence Building/Stress Conference, by Carl J. Lange, Staff Paper, July 1965.

"Research on Computerized Information Systems," by Robert G. Smith, Jr.,

A 30-Minute History of Electronics Research in HumRRO Division No. 1, by Edgar L. Shriver, Staff Paper, July 1965.

A Summary Review of "Sleep Learning" with Special Reference to the Acquisition of Foreign Language Skills, by William E. Montague and Eugene H. Rocklyn, Consulting Report, 14 pp., July 1965.

Visual Detection and Recognition of Low Altitude Aircraft, by A. Dean Wright, Interim Report, July 1965.

Computer References in Psychological Abstracts, January 1961 -- July 1965, by J. Daniel Lyons, Staff Paper, August 1965.

A Study of the Job Relevance of USAAVNS Academic Examinations, by T. Harrison Gray, Consulting Report, August 1965.

"The Simulation of a Cross-Cultural Encounter," by Alfred J. Kraemer, paper for American Psychological Association, Chicago, Illinois, September 1965.

"Reduction of Helicopter Pilot Attrition Through Synthetic Contact Flight Training," by Paul W. Caro, Jr., paper for American Psychological Association, September 1965.

1965, continued...

"The Development of a Basis for a Common Core Curriculum," by Theodore R. Powers, paper for American Psychological Association meeting, Chicago, Illinois, September 1965.

Within Block Troubleshooting for POST, Report, September 1965.

"Leadership Training," by T. Owen Jacobs, presentation at the Canadian Army Staff College, Fort Frontenac, Kingston, Ontario, CANADA, October 1965.

Leadership Evaluation Course: U.S. Army Armor School, by T. Owen Jacobs, Research Product, 105 pp., October 1965.

Aircraft Detection and Range Estimation Tests in the JTF-2 Test 1.0 Environment, by E. Wayne Frederick cr, Joseph F. Follettie and Robert D. Baldwin, Interim Report, October 1965.

Interim Recommendations for a Small Arms Air Defense Training Program, Consulting Report, December 1965.

Studies of Protective Clothing for Use in Two-Sided BB Training, by Clay E. George, Consulting Report, December 1965.   AD-A080 586.

Marginal Man and Military Service: A Review, by Samuel King, Robert Vineberg, Emma Brown and Frank McKernon, Hardback Book. (Published by the Army Personnel Research Office as a joint effort by HumRRO, APRO, and ARO).   December 1965.

GENERAL

<u>1966</u>

<u>Bibliography of Publications as of 30 June 1966</u>.   AD-643 761.

<u>Interim Bibliography of Publications 1 July to 31 December 1966</u>.   AD-651 658.

"PI Under a Feedback Schedule," by William H. Melching, in <u>NSPI Journal</u>, vol. 5, no. 2, February 1966.

"A Simple Method for Achieving 'Quickened' Missile Control," by Elmo E. Miller, February 1966.

"The Art of Simulation," by Jon Roeckelein, March 1966.

"The Collected Papers of Colonel Henry E. Kelly," by Colonel Henry E. Kelly, March 1966.

"Evaluation and Recognition of R&D Personnel," by William A. McClelland, paper for the Eleventh Annual Institute on Research Administration, Rosslyn, Virginia, April 1966.

<u>An Analysis of Operational Deficiences Shown by Students Failing to Complete the Ranger Program</u>, by Ronald L. Brown, Consulting Report, April 1966.

"A Method for Introducing Psychological Factors into War Gaming: The Adjustment of Battle Casualty Rates for Psychiatric Attrition as a Function of Duration and Intensity of Combat," paper for Military Operations Research Symposium, U.S. Naval Postgraduate School, Monterey, California, May 1966.

<u>Electronic Communication Team Study U.S. Army Board of Inquiry into the Army Logistic System</u>, by Edgar L. Shriver, Robert C. Trexler and Francis L. Hibbits, Consulting Report, May 1966.   (Published as Appendix F of the <u>Report of the Board of Inquiry on the Army Logistics System</u> (Brown Board).

<u>Description and Evaluation of the Army's Enlisted Evaluation System</u>, by C. Dennis Fink, Herbert B. Leedy and John F. Hayes, Consulting Report, May 1966.   (Published as Appendix J of the <u>Report of the Board of Inquiry on the Army Logistics System</u> (Brown Board).

GENERAL

1966, continued...

Performance Proficiency of Automotive and Turret Mechanics in Malfunction
Diagnosis and Repair, by William C. Osborn, Consulting Report, May 1966.
(Published as Appendix G to the Report of the Board of Inquiry on the Army
Logistics System (Brown Board).   AD-A085 648.

Diagnostic Performance of Hawk Organizational Maintenance Personnel,
Consulting Report, May 1966.   (Published as Appendix H to the Report of
the Board of Inquiry on the Army Logistics System (Brown Board).

Job Activities and Training for Selected Aviation Maintenance Personnel,
by Wallace W. Prophet, T. Harrison Gray, Peter B. Dawkins, and Russel
E. Schulz, Consulting Report. May 1966.   (Published as Appendix I
of the Report of the Board of Inquiry on the Army Logistics System
(Brown Board).

"Human Factors Implications," by Francis H. Thomas, Annex N, Appendix
IV to Tactical Aerial Reconnaissance and Surveillance--75, May 1966,
published by the U. S. Army Combat Developments Command.

"A Method for Introducing Psychological Factors Into War Gaming: The
Adjustment of Battle Casualty Rates for Psychiatric Attrition as a
Function of Duration and Intensity of Combat," by Robert Vineberg,
presentation to the Military Operations Research Symposium, May
1966.

Controllability of Small Infantry Units: Considerations for Research,
by Richard Singleton, Consulting Report, June 1966.

"Factors Influencing the Visual Detection and Recognition of Low-Altitude
Aircraft," by A. D. Wright, June 1966.

A Survey of Opinions Concerning Motivation and Performance of the Viet
Cong, by Joseph A. Olmstead, Consulting Report, June 1966.

Some Implications of Modern Training Technology for Education, by Robert
G. Smith, Staff Paper, July 1966.

The Joint ESEA Title I Program for the Marina and Monterey School Districts
During the Spring Term 1966: An Evaluation of Selected Sub-Projects, by
Robert Vineberg, Report, July 1966.

"Synthetic Devices in Aviation Training," briefing for U.S. Continental
Army Command, Fort Monroe, Virginia, August 1966.

GENERAL

Informal Survey of Armed Helicopter Pilots, by Wiley R. Boyles, Report, August 1966.

The Curriculum Content Study Area of the Consolidated Training and Education Program (CTEP), Consulting Report, August 1966.

"Comments on 'Draft Proposed Qualitative Materiel Development Objective for Rapid Foreign Language Teaching System'," by Alfred I. Fiks and George H. Brown, August 1966.

An Operations and Systems Analysis of the HumRRO Reporting System, by Eugene A. Cogan, with the assistance of Lola M. Zook, Report, September 1966.

"Army ROTC: A Changing Picture of Leadership," by Arthur J. DeLuca, September 1966.

Training on a Motor Skill for Groups of Differing Abilities, by Paul D. Hood, Staff Paper, September 1966.

USARSO Debriefing Procedures, Final Report, September 1966.

"A Comparison of Formal and Informal Reporting Systems in a First Grade Population," by Charles Odell, Lloyd J. Parsons and William W. Walbert, in Journal of Educational Research, vol. 60, no. 2, October 1966.

Two-Week BCT Program of Tactical Training for Common Specialists, by Joseph S. Ward and Nelson I. Fooks, Research Product, October 1966.

Behavioral Science Research and Military Effectiveness, by J. Daniel Lyons and William A. McClelland, Staff Paper, November 1966.

"Development of an Experimental Instructional System," by Elmo E. Miller, November 1966.

Visual Detection and Range Estimation Tests Conducted During JTF-2 Test 4.1: Test Procedures and Prospectus of Results, Interim Report, November 1966.

"The Effects of Shape, Size, Heterogeneity, and Instructional Set on the Judgment of Visual Number," by Robert A. Baker and Arthur L. Miller, December 1966.

GENERAL

<u>1967</u>

<u>HumRRO Bibliography of Publications as of 30 June 1967.</u>   AD 662-067.
ED-017 854.

<u>Interim Bibliography of Publications, 1 July to 31 December 1967.</u>

<u>Summary Description of C-R Analyst Course With Training Objectives
for Each Block of Instruction</u>, by Robert C. Trexler, Research Product,
January 1967.

"The Collection and Use of Training Feedback Information," by Harold
G. Hunter, January 1967.

<u>An Analysis of the Infantry Officer Candidate Program</u>, by Theodore R.
Powers, Clay E. George and Arthur J. DeLuca, Consulting Report,
January 1967.

<u>A Test of a Reduced-Scale Training Program for Use of Small Arms in An
Air Defense Role</u>, by Edward W. Frederickson, Robert D. Baldwin, and
Robert J. Foskett, Consulting Report, January 1967.

<u>Comparison of APA and HumRRO Reporting Systems</u>, by Eugene A. Cogan,
Staff Paper, February 1967.

<u>Determination of the Field of View of Block 1 and Block 3 Redeye
Missile Launchers Sights</u>, by Richard E. Wienke and Richard C.
Montgomery, Consulting Report, February 1967.

<u>A Report on Operations of the Reporting System</u>, by Eugene A. Cogan,
with the assistance of Lola M. Zook, Report,   February 1967.

<u>Psychomotor Testing of Test 3.1/3.5 Gunners at HLMR: Test Description
and Recommended Plan of Analysis</u>, by Albert L. Kubala, Consulting
Report, February 1967.

"The Teaching of English Abroad," by Richard Beym, in <u>Americas</u>, vol. 19,
no. 3, March 1967.

<u>Estimating the Visual Detectability of the SHORAD System from the Air</u>,
by Gilbert L. Neal, Richard E. Wienke, and Richard C. Montgomery,
Consulting Report, March 1967.

<u>Supplementary Aircraft Recognition Training in Support of the Expedited
Redeye Troop Test</u>, by Paul G. Whitmore and Don J. Friel, Consulting
Report, March 1967.

<u>Considerations in Developing a Training Program to Prepare ARPA and ARPA
Contract Personnel for Overseas Assignments</u>, by Robert J. Foster, Interim
Report, April 1967.

1967, continued

"Review of a USAFI Study Guide for a Beginning Spanish Course, D583.1," by Alfred I. Fiks, May 1967.

Hand-Eye Coordination Measures as Predictors of Individual Proficiency in Basic Combat Training, by Clay E. George, Consulting Report, June 1967.

Shillelagh Guidance Requirements and Gunner Tracking Proficiency, by Donald F. Haggard, Technical Report 67-6, June 1967.   AD-383 245.

Expanded Behavioral Research and Development in Logistics: A Feasibility Study, by William A. McClelland, Report, July 1967.

The Production of an Optimized Instructional Film, by James W. Dees, Consulting Report, July 1967.   AD-B951 737.

A Perspective on the Development of HumRRO, by Meredith P. Crawford, Report, August 1967.

"HumRRO -- A Look Ahead," by Carl J. Lange, August 1967.

Requirements for Personnel and Training Information, by A. James McKnight and Patrick J. Butler, Staff Paper, August 1967.

"Infantry Platoon Leaders: A Changing Picture of Leadership," by Arthur J. DeLuca, in Infantry, vol. 57, no. 5, Sept-Oct 1967.

An Analysis of Seven U.S. Army Officer Candidate Schools, by T. Owen Jacobs, Theodore R. Powers, Henry E. Kelly, Ferdinand O. Barger, Jr., Arthur J. DeLuca and Clay E. George, Consulting Report, September 1967.

A Test of Aircraft Recognition Reaction Time: Outline of a Test Plan, Research Product, October 1967.

A Comparison of Armor Trainees' Performances on the M13A2 and XM19 Ballistic Computers, by G. Gary Boycan, Consulting Report, November 1967.

"Effects of Stimulus-Response Uncertainty on Watch-Keeping Performance and Choice Reactions," by Richard A. Kulp and Earl A. Alluisi, in Perception and Psychophysics, vol. 2, no. 11, November 1967.

Progress Report of HumRRO Research Related to Project 100,000, by Howard H. McFann, Ernest K. Montague, and A. James McKnight, Staff Paper, November 1967.

Aircraft Recognition Time of Crews and Individuals: Results for a Miniaturized Test, Consulting Report, December 1967.

GENERAL

<u>1968</u>

<u>HumRRO Bibliography of Publications as of 30 June 1968</u>.   AD-678 839.
ED-027 472.

"How To Be Misunderstood or the Principles of Poor Writing," by Robert
A. Baker, 1968.

"The Future of Psychological Instrumentation," by Robert A. Baker,
in <u>Behavioral Science</u>, vol. 13, no. 1, January 1968.

"Briefing of USAR Training Division Commanders' Conference," by Norman
Willard, Jr., briefing for USAR Training Division Commanders' Conference,
Fort Knox, Kentucky, January 1968; issued as Staff Paper, January 1968.

"HumRRO Research in Programmed Language Instruction," by George H.
Brown, paper for National Society for Programmed Instruction, Washington,
D.C., February 1968.

<u>Survey of the Utility and Difficulty of Employment of Image Intensifiers</u>,
by Donald L. Wright, Consulting Report, March 1968.

<u>Detection and Avoidance of Mines and Boobytraps in South Vietman: Training
and Tactical Procedures of the 1st Infantry Division</u>, by George J. Magner,
Research Product, 73 pp., March 1968.   AD-B951 770.

<u>Detection and Avoidance of Mines and Boobytraps in South Vietnam: Training
and Tactical Procedures of the 4th Infantry Division</u>, by George J. Magner,
Research Product, 90 pp., March 1968.   AD-B951 771.

<u>Detection and Avoidance of Mines and Boobytraps in South Vietnam: Training
and Tactical Procedures of the American Infantry Division</u>, by George J.
Magner, Research Product, 85 pp., March 1968.   AD-B951 773.

<u>Detection and Avoidance of Mines and Boobytraps in South Vietman: Training
and Tactical Procedures of the 25th Infantry Division</u>, by George J.
Magner, Research Product, 140 pp, March 1968.   AD-B951 772.

<u>Detection and Avoidance of Mines and Boobytraps in South Vietman: Training
and Tactical Procedures of the Americal Infantry Division</u>, by George J.
Magner, Research Product, 85 pp., March 1968.   AD-B951 773.

<u>Low Altitude Test 3.1/3.5 (NF), Surface-Based Air Defense.   Volume 1.
Field Test Description.   Section 6:   Test Participants</u>, by Albert L.
Kubala, Consulting Report, March 1968.

GENERAL

Fixed Wing Training Device Requirements of the U. S. Army Aviation School, by Paul W. Caro, Oran B. Jolley, Robert N. Isley and Robert H. Wright, Consulting Report, 54 pp., March 1968. AD-B951 775.

Hearing Degradation While Wearing Cold Weather Headgear, by James W. Dees, Kevin J. O'Reilly and David R. Sennett, Consulting Report, April 1968. AD-A054 103.

"Perceived Legitimacy as a Predictor of Role Conflict Resolution," by Douglas S. Holmes, Joseph A. Olmstead, and Jon E. Roeckelein, May 1968.

Selected HumRRO Reports on Night Vision and Night Operations, by William A. McClelland and Angela Bentz, Report, May 1968.

Applications of Training Research in Army Pilot Training Devices, by LTC Gordon C. Conklin, Paul W. Caro, Jr., and MAJ Victor J. Buttner, Staff Paper, June 1968. AD-A072 361.

Results of a Study to Determine the Effectiveness of Teaching Only Friendly or Only Hostile Aircraft, But Not Both, by Paul G. Whitmore, Report, June 1968.

Ground Observer Ability to Detect and Estimate the Range of Jet Aircraft Flying over Hilly Terrain, by Robert D. Baldwin, E. Wayne Frederickson, Albert L. Kubala, Michael R. McCluskey and A. Dean Wright, Consulting Report, August 1968.

"Informal Notes on Perceived Attitudes and Performance of Thai Counterparts: CONUS-Trained and Non-CONUS-Trained," by Jose Armilla, August 1968.

"Digraph Theory and the Organization of Subject Matter," by Felix Kopstein, Robert J. Seidel and Richard D. Rosenblatt, paper for the American Psychological Association meeting, San Franciso, California, September 1968.

"Are Initial Responses to a Learning Sequence Random?", by Hilton M. Bialek, paper for the American Psychological Association meeting, San Francisco, California, September 1968.

Training Implications, Extended Field Test, Infantry Rifle Unit Study, IRUS-75 (IRUS IIBX), by Nelson I. Focks and Joseph S. Ward, Consulting Report, November 1968.

"Separating the Effects of the Acoustic Reflex from Remote Masking," by Walter J. Gunn, paper for the Acoustical Society of America, Cleveland, Ohio, November 1968.

GENERAL

An Opinion Survey Concerning the Bayonet in the United States Army, by
James W. Dees and George J. Magner, Consulting Report, November 1969.

"Comments on POIs for OSO Staff Officer and OSO Unit Officer Courses,"
by Arthur J. Hoehn, December 1968.

The Effects of Changes in Transition Firing Upon Quick Kill Proficiency,
by Joseph A. Olmstead, and T. Owen Jacobs, Consulting Report, December
1968.

"Individual and Group Behavior, " by T. Owen Jacobs, paper for Canadian
Land Forces Command & Staff College, Kingston, Ontario, Canada, December
1968.

"Leadership in Battle," by T. Owen Jacobs, paper for Canadian Land
Forces Command & Staff College, Kingston, Ontario, Canada, December
1968.

GENERAL

1969

Bibliography of Publications as of 30 June 1969.   AD-701 776.
ED-038 859.

"Informational Context as a Determinant of What Can be Learned," by
William A. Shaw and Robert J. Seidel, in Acta Psychologica, vol. 31,
1969.

"Some Policy Issues in Planning for CAI," by Felix F. Kopstein and
Robert J. Seidel, 1969.

"Psychological Effects of Sleep Loss," by James A. Caviness, 1969.

"The Acquisition of Verbal Behavior in a Seven-Year Old Child Through
the Use of Reinforcement Contingencies," by Stephen M. Fischman,
January 1969.

An Opinion Survey Concerning the .45 Caliber Pistol in the United States
Army, by James W. Dees and George J. Magner, Consulting Report,
Janaury 1969.   AD-A082 720.

Aircraft Identification Accuracy Following Training Involving Only U.S.
or Non-U.S. Aircraft, by Paul G. Whitmore and Robert D. Baldwin, Consulting
Report, January 1969.

Detection and Avoidance of Mines and Boobytraps in South Vietnam, by
George J. Magner, Consulting Report, January 1969.

Review of Behavioral Science Research Data Relevant to Army Proficiency
Flying Programs, by Robert H. Wright, Consulting Report, April 1969.

Motion Sickness Among Passengers in Future Army Aircraft, by Wiley R. Boyles,
Consulting Report, April 1969.   AD-A026 341.

Response to DLI Request for Technical Advisory Assistance in Analysis of
Data Obtained in a Study to Compare Two French Courses, Consulting Report,
May 1969.

"Review of Research on the Intelligibility and Comprehension of Accelerated
Speech," by E. Foulke and Thomas G. Sticht, in Psychological Bulletin,
vol. 72, no. 1, July 1969.

Performance in Olympic and Other International Rifle and Pistol Marksmanship
Competition: An Interim Report, by James W. Dees, Marvin J. Pesek and
Kevin J. O'Reilly, Consulting Report, August 1969.

GENERAL

Instructor Appraisal of the Armored Cavalry Trainer for Scout Training, by J. Roger Ware, Consulting Report, August 1969.

"Decision Processes Within Total Institutions and the Promise of Modern Information Technology, " by Herbert Gerjuoy, December 1969.

GENERAL

1970

"Separating the Metaphor from the Message in Instructional Technology," by Robert J. Seidel, in Contemporary Psychology, vol. 15, no. 9, 1970.

"Fidelity of Procedures Training Devices and Transfer of Training," by Paul W. Caro, in Proceedings of the SAE Fourth International Simulation and Training Conference, 1970.

"Training That Occurs in the Army Training Centers-Individual Training in Combat and Combat-Support MOSs," by Howard H. McFann, briefing for Headquarters, U. S. Continental Army Command, Fort Monroe, Virginia, February 1970.

"Technology of Training (IMPACT)," by J. Daniel Lyons, briefing for Headquarters, U.S. Continental Army Command, Fort Monroe, Virginia, February 1970.

"Training Technology and Simulation Research," by Wallace W. Prophet, briefing for Headquarters, U.S. Continental Army Command, Fort Monroe, Virginia, February 1970.

"Marketing of Professional Services," by Robert G. Smith, Jr., paper for Quebec Section of Association of Consulting Engineers, February 1970.

"Training Strategies and Individual Differences," by Howard H. McFann, in Adult Basic Education: The State of the Art. W.S. Griffith and A. P. Hayes, (eds.), U.S. Government Printing Office, Washington, D.C., March 1970.

"Vocational Education in the Military," by Howard H. McFann, April 1970.

Review of the CONARC Systems Engineering of Training Program and its Implementation at the United States Army Aviation School, by Darwin S. Ricketson, Russel E. Schulz and Robert H. Wright, Consulting Report, 99 pp., April 1970. AD-A085 735.

HumRRO Participation in the Chaparral Confirmatory Test, by Albert L. Kubala, Consulting Report, May 1970.

"Man the 1990 Environment," by Edgar M. Haverland, paper for Headquarters, U.S. Army Combat Developments Command, Fort Belvoir, Virginia, June 1970.

GENERAL

A Summary Review of the Armed Forces Qualification Test (AFQT), by
Saul Lavisky, Staff Paper, June 1970.

. "The Need for Flexible Instruction Systems," by Howard H. McFann,
in Institute for Improving Preparation of Professional Personnel
for Vocational Education in Metropolitan Areas, June 1970.

An Analysis of the Ranger Department Student Evaluation System, by
Michael R. McCluskey and James H. McPherson, Consulting Report,
June 1970.

"Resume of Institute Proceedings," by Howard H. McFann, in The National
Institute on Exemplary Projects in Vocational Education, July 1970.

Report of the HumRRO Team Visit to the Republic of Vietnam, 1 June -
20 June 1970, Report, July 1970.

Determination and Application of Training Objectives in Revising the
Supplyman (MOS76A10) Course, by Harold Wagner, James R. Lodge, A.
James McKnight, Richard D. Behringer and Jane V. Lee, Consulting
Report, August 1970.   AD-A081 050.

"Simulation--Can It Benefit Vocational Education," by William A.
McClelland, in American Vocational Journal, vol. 45, no. 6,
September 1970.

Evaluation of a Proposed Combat Pistol Qualification Training Program,
by William L. Warnick and John D. Engel, Consulting Report, September
1970.   AD-A083 440.

"Psychology in the Real World: A Perspective on Psychotechnology
Today and Ten Years Hence," by William A. McClelland, presenatation
to the American Psychological Association meeting, Miami Beach,
Florida, September 1970; also issued as Professional Paper 3-72,
February 1972.   AD-743 153.   ED-067 336.

"The General Concept of Managing for Accountability," by John E.
Taylor and Robert G. Smith, Jr., paper for Western Regional Research
Coordinating Unit Directors' Conference, Squaw Valley, California,
September 1970; issued as Professional Paper 4-72, February 1972.
AD-743 154.   ED-066 789.

GENERAL

"Command and Control in the Army's Human Factors System," by Donald
F. Haggard, paper for Human Factors Research and Development Conference,
Fort Bliss, Texas, October 1970.

The Effects of the Merit Reward System on Morale in Basic Combat
Training, by Eugene H. Drucker, Consulting Report, October 1970.
AD-A026 599.

The Effects of a Reduced Field of Vision on the Command and Control
of the Mechanized Infantry Combat Vehicle (MICV), by Michael R.
McCluskey and Donald P. Girgsby, Consulting Report, November 1970.
AD-A026 230.

"Placing Proficiency Measurement in Perspective in Radiologic Technology
Training," by William A. McClelland, paper for National Conference on
College Affiliated Educational Programs in Radiologic Technology, College
Park, Maryland, December 1970.

GENERAL

<center>1971</center>

HumRRO Bibliography of Publications as of 30 June 1971.   ED-061 727.

The Engineering of Educational and Training Systems, by Robert G.
Smith, Jr., Hardback Book, published by D. C. Heath and Company,
Lexington, Massachusetts, 1971.

"The Use of Objectives in Instruction," by Harry L. Ammerman and
William H. Melching, in Instructional Design: Readings, M. David
Merrill (ed)., Prentice-Hall, Inc., Englewood Cliffs, New Jersey,
1971.

"Target Detection in the Field," presentation at American Psychological
Association meeting, 1971.

"Organizational Factors in the Performance of Social and Rehabilitation
Workers," by Joseph A. Olmstead, in Working Papers: National Study of
Social Welfare and Rehabilitation Workers, Work, and Work Contexts,
Social and Rehabilitation Service, DHEW, 1971; also in Social Administration:
The Management of the Social Sciences, Simon Slavin (ed.), The Haworth
Press, New York, 1978.

"HumRRO Research in Military Education and Training," by Meredith P.
Crawford, in The Enclylopedia of Education, 1971.

"Feasibility Study of Career Ladder Curriculum and Guidance and Counseling,"
by John E. Taylor, January 1971.

"HumRRO Can Start Your PREP Program for You," by Robert G. Smith, Jr.,
presentation to the Conference on Programs for Servicemen and Veterans,
Albany, New York, February 1971.

"The Need for Flexible Instructional Systems," by Howard H. McFann,
July 1971, in Final Report, Institute for Improving Preparation of
Professional Personnel for Vocational Education in Metropolitan Areas,
June 1970.

"Training Technology and the Human Factor in Overseas Operation," by
Robert G. Smith, Jr., and Samuel G. Taxis, July 1971.

"The Future for Education and Educational Technology: What Is the
Question?", by Robert J. Seidel, in Educational Technology, vol. XI,
no. 7, July 1971; also in Education Tomorrow, vol. 1, no. 2, December 1971.

<center>**317**</center>

1971, continued

"Individualized Training and the Training of Individuals," by William A. McClelland, paper for the Seventeenth International Congress of the International Association of Applied Psychology, Liege, Belgium, July 1971; issued as Professional Paper 24-71, December 1971. AD-745 151. ED-064 898.

Consideration of Alternative Educational Systems, by Howard H. McFann, Hilton M. Bialek and Kenneth Weingarten, Consulting Report, July 1971. ED-143 845.

Work Experience as it Relates to the Employer-Based Career Education Model, by Hilton M. Bialek, John E. Taylor and Kenneth Weingarten, Consulting Report, July 1971.

"Flight Rraining Application," by Paul W. Caro, in Aviation Research Monographs, vol. 1, no. 2, August 1971.

Organizational Factors in the Performance of Social Welfare and Rehabilitation Workers, by Joseph A. Olmstead, Technical Report 71-20, 130 pp., August 1971. AD-733 913.

Development and Evaluation of a Pre-School Study Manual for Drill Sergeant Candidates, by William C. Osborn and Ronald E. Kraemer, Consulting Report CR-D2-71-5, August 1971; also issued as Professional Paper 5-74, April 1974. AD-780 689. ED-095 352.

A Report on the Measurement of Small Errors in Tracking with a Manual Control System, by Albert L. Kubala, Consulting Report, August 1971.

"Target Detection in the Field," by Jeffery L. Maxey and James A. Caviness, presentation to the American Psychological Association meeting, September 1971; issued as Professional Paper 11-72, May 1972. AD-742 158.

"Performance Measurements in Helicopter Training and Operations," by Wallace W. Prophet, presentation to the American Psychological Association meeting, Washington, D.C., September 1971; issued as Professional Paper 10-72, April 1972. AD-743 157. ED-064 576.

"Individualized Instruction: Concepts and Applications in Education and Training," by Robert G. Smith, Jr., presentation to U. S. Continental Army Command Training Workshop, Fort Gordon, Georgia, October 1971.

"Current Trends in Training Research and Development, " by William A. McClelland, presentation to Advanced Course, U. S. Army Quartermaster School, Fort Lee, Virginia, October 1971.

GENERAL

Analysis of Training Management Survey, by T. Owen Jacobs, James A. Salter, Chester I. Christie and E. W. Spinaio, Consulting Report CR-D4-71-33, October 1971.   AD-A056 848.

Report of Reserve and National Guard Data (Supplement to Analysis of Training Management Survey), by T. Owen Jacobs, James A. Salter, Chester I. Christie and E.W. Spinaio, Consulting Report CR-D4-71-35, October 1971.   AD-A056 979.

"Some Current Issues in the Design of Flight Training Devices," by Wallace W. Prophet, Paul W. Caro and Eugene R. Hall, in 25th Anniversary Commemorative Technical Journal, November 1971; issued as Professional Paper 5-72, March 1972.   AD-743 270.   ED-064 893.

Task and Skills Analysis Format, by William H. Ton, Consulting Report, November 1971.

"Army Training and Education in the 70's," by Howard H. McFann, presentation to Army Human Factors Research and Development Conference, Fort Bragg, North Carolina, November 1971.

Training of Routh Robbins Real Estate Corporation Sales Managers, by Thurlow R. Wilson, Consulting Report, December 1971.

Voluntary Inhibition of Galvanic Skin Response, by William H. Ton and John R. Boulger (Colorado State University), Professional Paper 23-71, December 1971; also in Psychological Reports, vol. 29, 1971. AD-743 272.

"Structural Coherence in Pictorial and Verbal Displays," by Ronald W. Spangenberg, in Journal of Educational Psychology, vol. 62, no. 6, December 1971; issued as Professional Paper 2-72, January 1972. AD-743 273.

GENERAL

1972

Bibliography of Publications and Presentations During FY 1972.   PB-221 361.

Report of Human Factors Evaluation--Parachute Harness Test, by T. Owen Jacobs, R. A. Hardy, and Fred K. Cleary, 1972.

"Military Psychology and Training," by Elmo E. Miller, Chapter 6 in The Psychomotor Domain: Movement Behavior, R. N. Singer (ed), Lea and Febiger, Philadelphia, Pa., 1972.

"Informal Education With Instructional Systems?," by Felix F. Kopstein and Robert J. Seidel, in Educational Technology, vol. 11, no. 1, January 1972.

"Better Learning and Performance Thru Training R&D," by William A. McClelland, presentation to the National Crytologic School, National Security Agency, Fort Meade, Maryland, February 1972.

"A Plan for an Integrated Training Systems Model (TSM) for the Army," by Robert J. Seidel, March 1972.

"Frameworks for Measurement and Quality Control," by Eugene A. Cogan and Daniel Lyons, presentation to New York University First National Annual Training in Business and Industry Conference, New York, New York, March 1972; issued as Professional Paper 16-72, July 1972. AD-748 081.   ED-069 736.

"Measuring Effectiveness: Quality Control of Training," by J. Daniel Lyons, presentation to New York University First National Annual Training in Business and Industry Conference, New York, New York, March 1972; included in Professional Paper 16-72, Frameworks for Measurement and Quality Control," July 1972.   AD-748 081.   ED-069 736.

"If It Exists, It Can be Measured -- But How?," by Eugene A. Cogan, presentation to New York University First National Annual Training in Business and Industry Conference, New York, New York, March 1972; included in Professional Paper 16-72, Frameworks for Measurement and and Quality Control," July 1972.   AD-748 081.   ED-069 736.

Decision Guide and Considerations List for Planning and Adopting Computer-Oriented Curricular Innovations, by Robert J. Seidel, Beverly Hunter, Martin Rubin and Carol Kastner, Report, March 1972.

"The Army Officer as Behavior Manager," by John P. Fry, March 1972.

1972, continued...

"Course Modularization Applied: The Interface System and Its Implications for Sequence Control and Data Analysis," by Edward W. Schneider, presentation to the Association for the Development of Instructional Systems, Chicago, Illinois, April 1972; issued as Professional Paper 10-73, November 1973. PB-227 255. ED-088 424.

"Development and Evaluation of Job Reading Task Tests," by Thomas Sticht and John Caylor, paper for the American Educational Research Association, April 1972. ED-064 683.

"The Training Psychologist in an Aviation Training Program," by Paul W. Caro, paper for Southeastern Psychological Association meeting, Atlanta, Georgia, April 1972.

"Educational Technology Reviews: Computers in Undergraduate Science Education," by Robert J. Seidel, in Educational Technology, vol. 12, no. 4, April 1972.

The Development of Information to Aid in the Curriculum Revision of the Ranger Course -- U.S. Army Infantry School, by Theodore R. Powers, Fred K. Cleary and Clarence J. Bushaw, Consulting Report CR-D4-72-2, May 1972. AD-A020 656.

Project PACE: A Study of Three Modes of Instruction -- Programmed Text, Platform Lecture, and Multimedia Instruction, by Jeffery L. Maxey, Kenneth E. Mosella, and Sidney L. Linver, Consulting Report CR-D4-72-3, June 1972. AD-A026 372.

An Analysis of Completion Times at Various Army Training Centers of Programmed Instruction Materials for MOS 71B10, MOS 71H20, and MOS 71B20/30, by T. O. Jacobs, Consulting Report CR-D4-72-4, 120 pp., June 1972. AD-A085 748.

"The Problems of Using Systems Approach in General Education," by Eugene R. Michaels, paper for California Association for Educational Media and Technology, July 1972. ED-115 224.

"Higher Education and the Challenge of the 70's," by David S. Bushnell, presentation to the Strategies for Change Conference, Saratoga Springs, New York, July 1972; issued as Professional Paper 9-74, June 1974. PB-233 321. ED-092 033.

"New Schools for New Times," by David S. Bushnell, in Curriculum Trends, August 1972.

GENERAL

U.S. Savings Bond Survey, Fort Benning, Georgia, by John C. Nicholas, Consulting Report CR-D4-72-5, 35 pp., August 1972.   AD-A085 224.

Survey of Human Factors in the TSQ-73, by Elmo E. Miller and William H. Ton and Frank D. Lawler (Department of the Army), Consulting Report CR-D5-72-1, August 1972.

Student Manual: Performance Counseling Workshop, by John P. Fry, Consulting Report CR-D5-72-2, August 1972.

Instructor Manual: Performance Counseling Workshop, by John P. Fry, Consulting Report CR-D5-72-3, August 1972.

Survey of Attitudes and Usage Patterns of Military Personnel Towards the U.S. Army Air Defense Center Laundry, by Steven M. Weber, Consulting Report CR-D5-72-4, September 1972.

Target Detection and Range Estimation, by James A. Caviness, Jeffery I. Maxey and James H. McPherson, Technical Report 72-34, November 1972. AD-753 600.

"The Application of Systems/Task Analysis to the Identification of Driver Perception and Decision-Making Processes," by A. James McKnight, paper for Symposium on Road User Perception and Decision Making, Rome, Italy, November 1972.

"The Process of Effecting Change in Medical Education," by William A. McClelland, paper for the Conference on Research in Medical Education, Association of Medical Colleges, Miami Beach, Florida, November 1972.

Interactive Relationship Between Inquisitiveness and Student Control of Instruction, by John P. Fry, Professional Paper 22-72, December 1972; also in Journal of Educational Psychology, vol. 6, no. 5, 1972. PB-215 818.

GENERAL

1973

Bibliography of Publications and Presentations During FY 1972-73.
PB-231 680.   ED-089 800.

An Experimental Model for the Selection of Training Methods and Media,
by Yair Riback and Harold L. Moon, Report, 1973.

A Partial Review of the Track Vehicle Maintenance Course and Suggestions
for Improving Quality Control, by W. J. Fitzpatrick and Harold L. Moon,
1973.

Troubleshooting Guide for HAWK Tactical Control Console Simulator, by
Robert J. Foskett, Report, 1973.

"Correlates of Leadership Behavior at Two Managerial Levels in a Mental
Instituteion," by J. G. Hunt, J. W. Hill and Joel M. Reaser, in Journal
of Applied Psychology, vol. 3, no.2, 1973.

"Leadership and Organizations Effectiveness," by T. Owen Jacobs, presentation
to the Secretary of the Navy's Advisory Board on Education and Training,
Pensacola, Florida, February 1973.   AD-756 921.

Relationship Between Recognition Range and the Size, Aspect Angle, and
Color of Aircraft, by Robert D. Baldwin, Technical Report 73-2, February
1973.   AD-758 870.

"Perspectives on Simulation and Miniaturization," by Michael R. McCluskey,
in Simulation and Games, vol. iv, no. 1, March 1973.

Procedures for Constructing and Using Task Inventories, by William H.
Melching and S. D. Borcher, Report, March 1973; published by the Center
for Vocational and Technical Education, Ohio State University, as
Research and Development Series No. 91, March 1973.   ED-105 093.

"Hardware Technology for Computers in Education: One of the Soluble Problems,"
by Robert J. Seidel, presentation to the Federation of American Societies
of Experimental Biology meeting, Atlantic City, New Jersey, April 1973;
issued as Professional Paper 7-74, May 1974.   PB-233 050.   ED-093 296.

"Treatment of Urinary Urgency: A Three-Part Approach," by Paul W. Caro,
May 1973.

"Transactional Leadership Theory and Leadership Training," presentation
to the U.S. Army Infantry School Leadership Workshop, Fort Benning, Georgia,
May 1973.

GENERAL

An Uncritical Review of "The Curriculum Literature" 1955-1970, by Saul Lavisky, Staff Paper, 1973. ED-179 467.

The Design of Evaluation Instruments: An Entry Level Professional Level Source in Educational Evaluation, by Robert N. Hauke, Eugene R. Michaels and Diana Welty, Report, May 1973.

"Focus on the Future: The Role of Community Colleges in Career Education," by David S. Bushnell, presentation to The George Washington University Seminar on Career Education, Washington, D.C., June 1973.

"HumRRO Aviation Psychology Research," by Wallace W. Prophet, paper for the American Psychological Association meeting, Montreal, Canada, August 1973.

"Content Validation of Training," by Howard H. McFann, August 1973; issued as Professional Paper 8-73, September 1973. PB-224 940.

Needed: A Voucher Plan in Support of Continuing Education, by David S. Bushnell, Professional Paper 7-73, August 1973; published under the title, "Continuing Education: Problems and Prospects," in Work in America, MIT Press; also in Education, vol. 94, no. 1, September-October 1973. PB-223 312. ED-082 006.

"New Concepts for the Measurement of Attitudes and Motives," by Robert G. Smith, Jr., presentation to the Military Testing Association, San Antonio, Texas, October 1973.

"The Multiple Criteria of Training Effectiveness," by Meredith P. Crawford, paper for the National Training Education Center Industry Conference, Orlando, Florida, November 1973.

"Presentation for Panel on Early Service Screening," by Robert G. Smith, Jr., paper for Military Testing Association, San Antonio, Texas, November 1973.

Evaluation of the Conversion of the Fort Bliss Performance Counseling Workshop to a Navy Leadership Skills Building Workshop, by John P. Fry, Consulting Report CR-WD-73-1, November 1973.

Correlates of Launch Effects Trainer (LET) Performance, by Steven R. Stewart, Interim Report IR-D4-73-17, November 1973.

"The Evaluation of Leadership Skills," by T. Owen Jacobs, presentation at the U.S. Continental Army Command Soft Skills Conference, Fort Bliss, Texas, December 1973; issued as Professional Paper 11-73, December 1973. AD-772 989. ED-087 871.

GENERAL

"Perspective on Functional Literacy," by Thomas G. Sticht, paper for the National Reading Conference, Houston, Texas, December 1973.

"Problems of Bias in the Measurement of Functional Literacy," by John S. Caylor, paper for the National Reading Conference, Houston, Texas, December 1973.

"Community College Staff Development: The Future is Now!," by David S. Bushnell and William A. McClelland, paper for the Assembly of the American Association of Community and Junior Colleges, Warrenton, Virginia, December 1973; issued as Professional Paper 2-74, February 1974; published under the title, "A Futuristic Look at Training," in New Staff for New Students, Roger Yarrington (ed)., American Association of Community and Junior Colleges, Washington, D.C., 1974. PB-231 718. ED-089 803.

GENERAL

<u>1974</u>

<u>Bibliography of Publications and Presentations during FY 1972-74.</u>   ED-105 155.

"HumRRO CMI," by Richard D. Rosenblatt, presentation to the Conference
on "An Examination of the Short-Range Potential of Computer-Managed
Instruction," Chicago, Illinois, 1974.

<u>Developing Questionnaire Items: How To Do It Well</u>," by T. Owen Jacobs,
Paperback Book, 34 pp., 1974.   AD-738 157.

<u>A Moving Surveillance Test of Five Candidate Armored Reconnaissance Scout
Vehicles</u>, by Eugene H. Drucker, Consulting Report, 1974.

"Comments on the Presentation by Duncan Hansen," by Robert J. Seidel,
in <u>Educational Technologies: Productivity in Higher Education</u>, Final
Report, U.S. Office of Education, January 1974.

<u>Proceedings of Workshop on Regional Drug Abuse Programming, October 1973</u>,
Professional Paper 1-74, January 1974.   PB-230 383.   ED-089 158.

"The Priorities and Problems of a Community College President,"   by
David S. Bushnell, presentation to the American Association of Community
and Junior Colleges, Washington, D.C., February 1974.   ED-129 379.

"Briefing for Naval Education and Training Command," by David S. Bushnell,
paper for Center for Naval Education and Training, Pensacola, Florida,
February 1974.

"The Conduct of Research in an Operational CAI System," by Richard D.
Rosenblatt, paper for the Educational Technology Conference, Miami Beach,
Florida, March 1974.

"M-16A1 Marksmanship," by LTC Jules C. Trepagnier, in <u>Infantry</u>, March-
April 1974.

"Needed: A Functional Literacy Skills Curriculum for the Secondary School,"
by Thomas G. Sticht, paper for the American Educational Research
Association, Chicago, Illinois, April 1974.

<u>Development and Evaluation of a Pre-School Study Manual for Drill Sergeant
Candidates</u>, by William C. Osborn and Ronald E. Kraemer, Professional
Paper 5-74, April 1974.   AD-780 689.

"Reading Requirements for Career Entry," by Howard H. McFann, paper for the
Perspectives in Reading Conference, New Orleans, Louisiana, April 1974.

GENERAL

"Principles for Writing Functional Reading Materials," by Richard P.
Kern, paper for the Perspectives in Reading Conference, New Orleans,
Louisiana, April 1974.

"A Program for Job Related Reading Training," by Robert N. Hauke, paper
for the Perspectives in Reading Conference, New Orleans, Louisiana,
April, 1974.

"Fundamental Concepts in Psycholinguistics and Human Information Processing:
Demonstrations With Audience Participation," by Thomas G. Sticht and
James H. James (Northern Illinois University), paper for the Perspectives
in Reading Conference, New Orleans, Louisiana, April 1974.

Evaluation of the NLM Training Grant Program, Contract NIH 72-4732,
Report, May 1974.

"For the Technical Communicator: Pursuing Professional Identify and Maturity,"
by Eugene A. Cogan, paper for the Twenty-First International Technical
Communications Conference, St. Louis, Missouri, May 1974; issued as Professional
Paper 8-74, May 1974.   PB-233 320.   ED-095 537.

"Small Arms Have a Lot of Punch," by Albert L. Kubala, in Air Defense Trends,
June 1974.

"Human Factors in Helicopter Training," by Wallace W. Prophet, paper for
the Human Resources and Medical Programs Conference, Chicago, Illinois,
June 1974.

"What Is Our Job," by David S. Bushnell and Mary B. Kievit, in Change,
vol. 6, no. 3, April 1974; issued under the title, "Will the Real
Community College Stand Up?" Professional Paper 11-74, June 1974.
PB-234 955.   ED-094 825.

"Individual Differences in Dimensional Preference and Saliency in Concept
Identification, by Gerald J. Cason, July 1974.

Instructor Guide for Lessons 6, 7, and 9; Student Workbook for Lessons
6, 7, and 3; Pre-Course Test, Postcourse Test; and Course Schedule, Research
Product, July 1974.

"Ways to Evaluate Student Programs," by William C. Osborn, paper for
the International Association of Applied Psychology, Montreal, Canada,
August 1974; also in You Can Be A Successful Teacher of Adults,
National Association for Public Continuing and Adult Education,
Washington, D.C.

1974, continued ...

"Essential Dimensions of Performance Tests," by William C. Osborn,
presentation to the International Congress of Applied Psychology,
Montreal, Canada, August 1974; issued as Professional Paper 1-77,
April 1977.   AD-A040 434.   ED-137 372.

The Army Officer as Performance Manager, by John P. Fry, Professional
Paper 13-74, August 1974.   AD-A000 839.   ED-101 609.

"What Does Military Psychology Have to Offer Civilian Education?," by
Howard H. McFann, paper for the American Psychological Association
meeting, New Orleans, Louisiana, September 1974.

"Structural Task Analysis: The Bridge Between Selection, Training,
and Job Performance," by James W. Dees, paper for the Military
Testing Association Conference, Oklahoma City, Oklahoma, October 1974.

"A Perspective on Manpower Science in Relation to the Great City
Schools," by Richard L. Eisenman, paper for the Council of the Great
City Schools, Alexandria, Virginia, October 1974.

"Process Versus Product Measures in Performance Testing," by William
C. Osborn, paper for the Military Testing Association, San Antonio,
Texas, November 1973; issued as Professional Paper 16-74, October
1974.   PB-238 416.   ED-102 206.

"Self-Assessment Through Mapping," by J. Richard Suchman, published
as Appendix B-3 of Education for the People. Volume III: A Handbook
for Determining School Effectiveness, California State Department of
Education, November 1974.

The System Concept in Education, by Robert G. Smith, Jr., Professional
Paper 20-74, November 1974; in The Enclopedia of Education, vol. 8,
1974. AD-A070 583.   ED-100 019.

Research in Military Training, by Meredith P. Crawford, Professional Paper
19-74, November 1974; in The Encyclopedia of Education, vol. 6, 1974.
AD-A070 878.   ED-105 164.

GENERAL

<u>1975</u>

<u>Human Resources Research Organization Bibliography of Publications and
Presentations During FY 1975.</u>

"Effects of Coarse Grouping and Skewed Marginal Distributions on the
Pearson Product Moment Correlation Coefficient, " by Peter B. Wylie,
1975.

"Psychological Distance: A Scale for Measuring Network User Satisfaction,"
by Robert J. Seidel and Harold Wagner, 1975.

"Motivation for Enlistment Into the Military, " by Richard J. Orend,
1975.

"Assessment of Behavior," by William C. Osborn, presentation to the U.S.
Army War College, Carlisle Barracks, Pennsylvania, January 1975.

"Reading Requirements for Career Entry," by Thomas G. Sticht, and
Howard H. McFann, in <u>Reading and Career Education</u>, January 1975.

"Competency-Based Education -- Some Thoughts on Measuring Student
Competencies and on Implementing the Oregon Program," by William
A. McClelland, February 1975.

"Performance Testing in Education: Training Research Shows the Way,"
by Saul Lavisky, paper for the Conference on Applied Performance Testing,
Washington, D.C., March 1975.

"Training for the Military, " by Howard H. McFann. presentation to the
Inter-University Seminar on Armed Forces and Society, University of
Chicago, April 1975; issued as Professional Paper 3-76, December 1976.
AD-A035 244. ED-133 499.

"Who Are You? The Technical Communicator from Several Perspectives,"
by Eugene A. Cogan, paper for the International Technical Communication
Conference, May 1975.

"Functional Literacy for Job Performance," by Thomas G. Sticht, paper
for the Society for Technical Communication, Anaheim, California,
May 1975; included in <u>Proceedings of the Twenty-Second International
Technical Communications Conference,</u> 1975.

"The Acquisition of Literacy by Children and Adults," by Thomas G.
Sticht, paper for the Second Delaware Symposium on Curriculum, Instruction
and Learning: The Acquisition of Reading, University of Delaware,
Newark, Delaware, June 1975.

1975, continued...

A CMI Heuristic for the Services and ARPA, by Robert J. Seidel and L. Stolurow, Consulting Report, August 1975.

"Transactional Evaluation: A Technique for Coping with Human Problems," by Robert J. Seidel, paper for the Committee on Development and Training, Interagency Advisory Group and U. S. Civil Service Commission, Washington, D.C., October 1975; in Proceedings, Conference on Instructional Technology for Government Planners, 1975.

"Simulator Training Reconsidered: Alternative Concepts of Transfer," by Paul W. Caro, paper for the Human Factors Society, Dallas, Texas, October 1975.

"Instructional Modules: Using the Systems Approach," by Michael J. Hillelsohn, paper for the Conference on Instructional Technology for Government Trainers, Washington, D.C., October 1975.

GENERAL

<u>1976</u>

<u>HumRRO Bibliography of Publications and Presentations: FY 1976 Supplement.</u>
ED-144 620.

<u>Report and Recommendation of TRADOC Team Visit to Fort Huachuca, 26-29</u>
<u>January 1976</u>, Report, January 1976.

"Alternatives to Performance Testing: Tests of Task Knowledge and
Ratings," by Robert Vineberg and Elaine N. Taylor, paper for the
Conference on Defense Manpower, Santa Monica, California, February
1976; issued as Professional Paper 6-78, March 1978; also included in
<u>Defense Manpower Policy: Presentations from the 1976 Rand Conference</u>
<u>on Defense Manpower</u>, Richard V.L. Cooper (ed), December 1978.
AD-A051 673.

"Can Psychologists Be Happy in Program Evaluation," by Wallace W.
Prophet, paper for the Southeastern Psychological Association, New
Orleans, Louisiana, March 1976.

"Some Factors Influencing Transfer of Simulator Training," by Paul
W. Caro, paper for the Royal Aeronautical Society, London, England,
April 1976; issued as Professional Paper 1-76. AD-A068 321.
ED-139 984.

"Economy Doesn't Have to Mean Poor Quality," by Lola M. Zook, paper
for the Society for Technical Communications Conference, Washington,
D.C., May 1976.

"Survey of Public Access to Computing," by Carol H. Kastner and William
G. Underhill, paper for the National Computer Conference, New York,
N. Y., June 1976, in <u>AFIPS Proceedings</u>, vol. 45, 1976.

"Instructional Technology in the Military," by David S. Bushnell, Paul
W. Caro, Saul Lavisky, Howard H. McFann, and John E. Taylor, includes
presentation to the First International Learning Technology Congress,
Washington, D.C., July 1976; issued as Professional Paper 2-76,
November 1976. AD-A026 804. ED-125 630.

"The Impact of Instructional Technology on Training in the U. S. Army,"
by David S. Bushnell, presentation to the First International Learning
Technology Congress, Washington, D.C., July 1976; included in Professional
Paper 2-76, <u>Instructional Technology in the Military</u>, November 1976.
AD-A026 804. ED-125 630.

1976, continued...

"Army Research on Training: How It All Began," by Saul Lavisky,
presentation to the First International Learning
Technology Congress, Washington, D.C., July 1976; included in
Professional Paper 2-76, Instructional Technology in the Military,
November 1976.   AD-A026 804.   ED-125 630.

"The Role of Simulators in Pilot Training: Some Questions Regarding
Effectiveness," by Paul W. Caro, presentation to the First International
Learning Technology Congress, Washington, D.C., July 1976; included
in Professional Paper 2-76, Instructional Technology in the Military,
November 1976.   AD-A026 804.   ED-125 630.

"Performance, Productivity, and Training Research," by William A.
McClelland, paper for the Interagency Motor Equipment Advisory
Committee of the Southeast, Atlantic Beach, Florida, October 1976.

GENERAL

Bibliography of Publications and Presentations During FY 1972-77.
AD-A089 429.

Army Training Research: A Thirty-Five Year History with Implications
for Educational Research and Development, by Saul Lavisky, Ph.D. Thesis,
August 1977.   AD-A046 787.

"Military Testing: Knowledge and Skills: Criticality and Reliability,"
by William Osborn, J. Patrick Ford, Charlotte H. Campbell, Roy C.
Campbell, James H. Harris, and John A. Boldovici, presentations to the
Military Testing Association conference, San Antonio, Texas, October
1977; issued as Professional Paper 4-78, 31 pp., February 1978.
AD-A054 953.

"Some Considerations in Analyzing Training Costs and Job Performance,"
by Robert Vineberg, John Joyner and Elaine N. Taylor, paper for the
Department of Defense Cost Analysis Symposium, Colorado Springs, Colorado,
October 1977; issued as Professional Paper 5-78, February 1978.
AD-A054 954.

GENERAL

1978

"Quality Control in Technical Military Training Programs," by William
A. McClelland and Harold Wagner, in New Directions for Program
Evaluation, no. 3, 1978.

"R&D Utilization Strategy," by Meredith P. Crawford, paper for the
Navy Personnel Research and Development Center, January 1978; in
Proceedings of the 1977 National Symposium of the Military Services
on Utilization of People Related Research, Development and Test
Evaluation (RDT&E), January 1978.

"R&D Utilization Strategy," by William A. McClelland, paper for the
Navy Personnel Research and Development Center, January 1978; in
Proceedings of the 1977 National Symposium of the Military Services
on Utilization of People Related Research, Development and Test
Evaluation (RDT&E), January 1978.

Literacy in the Military, by Howard H. McFann, Report, February 1978.

Transactional Evaluation: Assessing Human Interactions During
Program Development, by Robert J. Seidel, Professional Paper 8-78,
11 pp., April 1978.   ED-159 579.

"Estimating Skill Acquisition and Retention Needs," by Howard H.
McFann, April 1978.

Training the Electronics Maintenance Technician, by Robert D. Baldwin,
Professional Paper 7-78, 27 pp., April 1978.   ED-156 889.

"Tips for Managing CAI Projects," by Robert J. Seidel, Beverly Hunter,
and Harold Wagner, in Educational Technology, vol. 18, no. 4, April 1978.

"Training as a Knowledge Production and Utilization Strategy: Instructional
Technology in the U. S. Army," by David S. Bushnell, in Viewpoints in
Teaching and Learning, vol. 54, no. 2, April 1978; issued as Professional
Paper 9-78, August 1978.   AD-A071 243.

"American Youth and Military Representation: In Search of the Perfect
Portrait," by Mark J. Eitelberg, in Youth and Society, vol. 10, no. 1,
September 1978.

"Urban-Rural Education 'Reviewing the Tension'," by Edgar M. Easley,
paper for the National Association of Public Continuing Adult Education,
Panel on Rural Education, Portland, Oregon, October 1978.

GENERAL

1978, continued...

"Current Research Programs in ISD," by William A. McClelland, paper
for the Society for Applied Learning Technology Conference, Arlington,
Virginia, October 1978; included in Conference on Application of ISD
to Emerging Weapons Systems of the 80's: Proceedings.

"Computrol Computer Generated Day/Dusk/Night Image Display," by Ron
Swallow, Roscoe Goodwin and Rudolph Draudin (Advanced Technology
Systems, Austin Company), paper for the Naval Training Equipment
Center, Industry Conference, Orlando, Florida, November 1978;
published in NTEC Conference Proceedings as Technical Report
NAVTRAEQUIPCEN IH-306.

335

1979

"What Makes a Computer-Literate College?," by Beverly Hunter, 1979.

<u>Military Representation: The Theoretical and Practical Implications of Population Representation in the American Armed Forces</u>, by Mark Jan Eitelberg, PhD Thesis, New York University, 1979.   AD-A093 391.

"Microcomputers in Education: Evaluation Issues or 'Here We Go Again'," by Robert J. Seidel, paper for the Invitational Conference, State University of New York, Stonybrook, New York, New York, June 1979.

GENERAL

1980

"Minimum Competency in Functional Literacy for Work," by Thomas G.
Sticht, in Minimum Competency Achievement Testing, Richard M. Jaeger
and Carol K. Tittle (eds), McCutchan Publishing Corporation,
Berkeley, California, 1980.

"Literacy and Human Resource Development at Work," by Thomas G.
Sticht, 1980.

"It's 1980: Do You Know Where Your Computer Is?," by Robert J. Seidel,
in Phi Delta Kappan, vol. 61, no. 7, March 1980; issued as Professional
Paper 1-80, March 1980.   ED-190 059.

"An Heuristic Meta-Model for Computer-Managed Instruction," by
Robert J. Seidel (HumRRO), and Lawrence Stolurow (University of Iowa),
in Journal of Research and Development in Education, vol. 14, no. 1,
Fall 1980.

"Productivity: The View of the Private Human Resources Contractor,"
by Saul Lavisky, paper for Seminar on Productivity and the Future of
Vocational Education, Moorhead State University, Moorhead, Minnesota,
September 1980; issued as Professional Paper 3-81, July 1981.

"Some Problems in Evaluating Training Devices and Simulators," by
John A. Boldovici, paper for the Military Testing Association meeting,
Toronto, Canada, October 1980; issued as Professional Paper 2-81,
July 1981.

GENERAL

1981

"Assessing Costs, Benefits and Productivity in Training Systems," by
Greg Kearsley (HumRRO), and Terry Compton (WICAT), in _Training and
Development Journal_, vol. 35, no. 1, January 1981.

"Three Directions for Schools of Education in the '80s," by Thomas G.
Sticht, February 1981.

"Technologies in Instructional Delivery Systems for the 80's: The What,
How, Where, and Why of Instructional Delivery Systems," by Robert J.
Seidel, paper for the SALT Symposium on Learning Technology for the
80's, Arlington, Virginia, February 1981; included in _Proceedings of
the SALT Symposium on Learning Technology for the 80's_.

The Use of Microcomputers for Training: Business and Industry, by
Greg Kearsley, Michael J. Hillelsohn and Robert J. Seidel, Professional
Paper 1-81, 8 pp., March 1981.

"The Intercultural Experience as a Planned Learning Experience," by
Alfred J. Kraemer, paper for the American Phychological Association
meeting, Los Angeles, California, August 1981; issued as Professional
Paper 4-81, September 1981.

"Anticipated Rewards vs. Dissonance Explanations of Interpersonal Attraction,"
by Richard L. Miller, paper for the American Psychological Association
meeting, Los Angeles, California, August 1981; issued as Professional Paper
5-81, 6 pp., September 1981.

"Automation and Engineering Psychology: A Look to the Future," by
H. McIlvaine Parsons, paper for the American Psychological Association
meeting, Los Angeles, California, August 1981; issued as Professional
Paper 7-81, 18 pp., October 1981.

_Subpopulation Differences in Performance on Tests of Mental Ability:
Historical Review and Annotated Bibliography_, by Mark J. Eitelberg,
Report, August 1981.   AD-A10 444.

"Harvesting the CROP: Cognitive Robotics Program," by Thomas G. Sticht,
October 1981.

"Computer Aids to Military Readability," by Lydia R. Hooke, paper for
the Military Testing Association meeting, Arlington, Virginia, October
1981.

"Legal Considerations in Large-Scale Adpative Testing," by Brian Waters
and Gus C. Lee, paper for the Military Testing Association meeting,
Arlington, Virginia, October 1981.

1981, continued

"Measuring and Improving the Readability of Military Documents," by Lydia R. Hooke, paper for the Military Testing Association, Arlington, Virginia, October 1981.

"A Literacy Task Inventory for Identifying Literacy Skill Levels of Jobs," by Thomas G. Sticht, paper for the Military Testing Association, Arlington, Virginia, October 1981.

"Performance Measurement in the Military Services," by Robert Vineberg and John N. Joyner, paper for Performance Evaluation Conference, Dallas, Texas, November 1981.

"Military Service in American Society: Principles and Practice," by Mark J. Eitelberg and Martin Binkin, paper for the Atlantic Council's Working Group on Military Service.

"The Profile of American Youth: Background and Description," by Brian K. Waters and Mark J. Eitelberg, paper for Office of Naval Research Council, Arlington, VA, December 1981.

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